Oil, Paint and Drug Reporter

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Volume 134 JULY 4, 1938 Number 1

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$MgCO_3$	.100
SiO_2	.005
Fe_2O_3	.007
$CaSO_4$	.260
Al_2O_3	.056
Mn_2O_3	none

Linseed Oil Absorption—30-35 cc per 100 grams
Density—50 lbs. per cubic foot
Specific Gravity—2.6
Color—Pure White
Structure—Crystalline, small uniform particle size
Settles rapidly in water, oil, and mineral spirits
Free flowing, particles do not cling together
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Oil, Paint and Drug Reporter

Founded 1871 by William O. Allison

Volume 134 JULY 4, 1938 Number 1

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Wage-Hour Law Signed by President

OPD Washington Bureau
June 30, 1938

The Department of Labor, major industries, and trade associations are already engaged in preliminary studies of labor conditions in preparation for compliance with the "Fair Labor Standards Act of 1938"—the new wage-hour law.

This law was signed by President Roosevelt June 25, and becomes effective 120 days later, or commencing with the final week of October. It will be effective then, without further administrative action, on all industries and all employees engaged in commerce as defined in the law, except for the statutory exemptions for retailing, agriculture, transportation, and others, and except as to executive and professional employees as defined by the administrator.

No administrator has been appointed by the President as yet, and he has indicated that this appointment may not be made until the middle of July. This official will be under the Department of Labor, and employees of this department are already gathering preliminary data for which he is expetced to call. The administrator will have no authority to determine whether or not a given industry or occupation is "in commerce" and subject to the act, as interpretation of this point is left to the courts in enforcement proceedings.

During the first year the act is in effect the maximum workweek may not exceed forty-four hours without payment of time and one-half for overtime. During the second year the maximum is forty-two hours and thereafter it will be forty hours.

Minimum wages are 25 cents an hour the first year, 30 cents the next six years, and 40 cents thereafter, without exception beyond special rates which the administrator may fix for apprentices and handicapped workers. However, the law directs the administrator to attempt to bring all wages up to a minimum of 40 cents an hour as quickly as possible. To this end he is directed to appoint committees in industries to make recommendations for immediate wage increases, following which he may order higher minimums in effect in any industry, such orders being subject to hearings, protests, and court appeals. These orders may set different minimum wages for various sections, types of operation, or occupations within an industry, but all such variations must be within the range of 30 cents to 40 cents an hour.

Margarin Industry Rules For Fair Trade Endorsed

OPD Washington Bureau
June 27, 1938

Charles Janssen, Columbus, Ohio, secretary and manager of the National Association of Margarine Manufacturers, and J. S. Abbott of Washington, director of research for the organization, appeared before Federal Trade Commissions officials today to voice their approval of the suggested trade practice rules for the margarine industry.

The two representatives of the association told George McCorkle and Henry Miller, director and assistant director, respectively, of the trade practice conference division, that the members of the industry are well satisfied with the suggested rules. About 75 percent of the industry will be directly affected by the rules when they are approved by the commission, they said. The other 25 percent, made up of meat packers who manufacture margarine, are already operating under the provisions of the packers and stockyards act, which imposes many regulations similar to those the margarine industry is approving for itself by subscribing to the proposed rules of fair practice.

Loss Leader Law Operative in N.J.

Trenton, June 29, 1938

The new State law prohibiting sales at less than 2 percent above cost will become effective July 4.

This law was passed by the legislature over the governor's veto. Its constitutionality is widely believed to be, at best, doubtful, because its effect to fix prices will not come wholly within the limits of legislative power in this respect that the courts have laid down. Opponents of the law contend that it is not in the interest of the public welfare or of public health, and early testing of the act in the courts is forecast, even though the margin of "profit" set as the minimum is little other than nominal.

Drug and cosmetic manufacturers in Finland have been listed by the Bureau of Foreign and Domestic Commerce, Washington, D. C. The lists are available to accredited American firms at ten cents a list.

Food, Drug and Cosmetic Act Signed by President June 25

OPD Washington Bureau
June 27, 1938

The new Federal food, drug, and cosmetic act was signed by President Roosevelt, June 25, without a memorandum and without comment—at least, for publication. The act in most part will not be effective until one year from the date of its signing, but three provisions became effective immediately—the provision against drugs dangerous to health when used as directed; the section requiring proof of the safety of new drugs; and the provision against cosmetics dangerous to health when used as directed.

The Secretary of Agriculture, Henry A. Wallace, today issued a statement characterizing the new law as a great step forward in the protection of the American public and declared it will benefit also the honest manufacturers who are entitled to governmental protection against unethical competitors. He is to elaborate his comment in a radio address Wednesday.

Designating the new law as "a legislative monument to the memory of the late Senator Royal S. Copeland," Mr. Wallace briefly reviewed the five years of endeavor for its enactment, and he said that, while the law was not wholly satisfactory to him in some respects, he had "wholeheartedly recommended that the President sign the bill." Mr. Wallace laid emphasis on the advantages for the consumer in the new law's requirements in respect of informative labeling, but he added:—

However, let me say that under the new law, as under the old law, the consumer who wishes to avail himself of the maximum protection afforded by the operation of enforcement will have to make some study of the meaning of statements that appear on the labels of foods, drugs and cosmetics. I said earlier that the old act forbade certain types of statements on labels. It contained few positive requirements for labeling. The new act requires much information of value to consumers to appear on the packages in which we buy foods, drugs and cosmetics. It is still up to the consumer to find out what this significant information means to him and his family, and to apply that knowledge in his buying.

F.D.A. Enumerates Changes

In a digest of the new law, issued today, the Food and Drug Administration says that it "preserves the worthy features" of the 1906 statute, and enumerates the following points of principal differences between the two laws:

1. Brings all cosmetics except toilet soap under control (sec. 201 (i)); outlaws cosmetics which may be injurious to users, except poisonous coal-tar hair dyes which bear warning labels (sec. 601 (a)); prohibits false or misleading labeling (sec. 602 (a)).
2. Prohibits traffic in food which may be injurious to health (sec. 402 (a) (1)). (The old law prohibits injurious food only when the poisonous substance is added.)
3. Prohibits the addition of poison to food except where such addition is required in the production thereof or cannot be avoided by good manufacturing practice; where added poisons are so required or cannot be avoided, tolerances are authorized limiting the amount to a point insuring protection of public health (sec. 402 (a) (2), sec. 406 (a)).

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Two Years of the Patman Act

A Survey of Efforts to Correct Price-Discrimination

By Mitchell M. Shipman
Counselor-at-Law

Continued from June 27 issue

Unlawful Brokerage Commissions

A great many of the 200 or more Patman act citations issued by the Federal Trade Commission to date have involved alleged violations of the brokerage section of the act (section 2 (c)), the respondents being charged with either paying, receiving, or inducing payment, or receipt of illegal brokerage commissions or allowances or discounts in lieu thereof. The commission has apparently made a drive against unlawful brokerage commission practices, and perhaps with some justification. For one thing, the phraseology of section 2 (c) has given rise to much speculation as to its precise meaning. Some clarification by the commission and the courts was vitally necessary. Moreover, unlawful brokerage commission practices are oft too replete in industries in one form or another. Energetic enforcement of section 2 (c) would serve to clean up some of these practices and force a discontinuance of many others.

Certain important questions relating to brokerage commissions have been clarified by the commission in a number of its decisions and by one of our highest Federal courts in a recent decision.[22] Does section 2 (c) prohibit brokerage commissions to buyers or to their controlled agents even though there is no injurious effect therefrom on competition? It is to be recalled that as to price discriminations under section 2 (a) of the act, it is only those price discriminations that are injurious to competition that are unlawful thereunder. Does the same requirement apply to brokerage commission?

Injury to Competition Not a Factor

The Federal Trade Commission has taken the position that, regardless of its effect on competition, the payment of brokerage commission or other compensation, discounts, or allowances in lieu thereof by the seller directly to the buyer or to the buyer's controlled broker, representative or agent, is in and by itself illegal under section 2 (c) of the act without any further showing of injury to competition.[23] May 2, 1938, the circuit court of appeals, which is the highest Federal Court next to the Supreme Court, rendered a decision agreeing with the Federal Trade Commission and holding that injury to competition is not required by section 2 (c).[24] Hence any payment of brokerage commission or other payments, discounts, or allowances in lieu thereof, made by a seller to a buyer or to the buyer's agent, representative, or intermediary controlled by the buyer, directly or indirectly, is therefore illegal, and the seller, buyer, and the agent are equally guilty of violating section 2 (c) of the act. Unless and until this decision is appealed to the supreme court and reversed, it is the final word on the subject of brokerage commissions.

The court in the Biddle case clarified a further troublesome question. From the wording of section 2 (c), a most tenable question presented itself whether or not brokerage commissions could be paid by the seller to a buyer or his controlled agents in return for valuable brokerage services actually rendered by the buyer or his agent to the seller. It was entirely clear that, if no services whatsoever were rendered by the buyer or his agent to the seller, the seller was not permitted by section 2 (c) to pay any brokerage commission. This would be manifestly a rebate and a pure discrimination. But, supposing that the buyer or his agent did in fact render valuable selling services to the seller, could the buyer be paid for such services just as the seller would pay a stranger for the same services?

It is this very argument that the respondents in the Atlantic & Pacific Tea Company[25] and Biddle Purchasing

[22] Federal Trade Commission vs. Biddle Purchasing Company et al.; decided May 2, 1938, United States Circuit Court of Appeals, Second Circuit.

[23] Biddle Purchasing Company; complaint No. 3032; cease and desist order issued January 3, 1938.

[24] Federal Trade Commission vs. Biddle Purchasing Company et al.

—Continued on page 50

Monopoly Probe Asked On Cottonseed Oil

OPD Washington Bureau
June 29, 1938

The twelve-man "Temporary National Economic Committee," created to study monopolistic practises and the concentration of economic power, prepared to hold organization meetings this week and make preliminary plans for a series of investigations and hearings.

The committee was created under a resolution introduced by Senator Joseph C. O'Mahoney, of Wyoming, following the President's message on monopoly April 29. It is composed of six members of Congress and representatives of six executive agencies, will remain in existence for two and one-half years, and has an initial appropriation of $500,000.

Members of Congress on the committee are Senator O'Mahoney, who will probably be named as chairman; Senator William E. Borah of Idaho, and Senator William H. King of Utah, and Representative Hatton W. Sumners of Texas, Representative Edward C. Eicher of Iowa, and Representative Carroll Reece of Tennessee. Other members are Richard C. Patterson, jr., Assistant Secretary of Commerce; Isador Lubin, Com-

—Continued on page 56

Closing Market Developments

Tallow Higher

Tallow was stronger late in the week, sales being reported on Friday at 5⅜c. for extra, f.o.b., making an advance for the week of ½c. per pound. Greases also advanced another ¼c. per pound late in the week.

Copper Oxides Up

Another fractional advance was scored for red and black oxides of copper later in the week, reflecting the higher price for the basic metal. Black copper oxides was quoted at 14¼c. to 15¼c. per pound, according to quantity, while the red commercial grade advanced to 15¾c. per pound.

Phosphotungstic Toners Off

Phosphotungstic rhodamine Y red was lowered 25c. per pound to the basis of $3.90 per pound. Tungstated Victoria blue was off 25c. per pound to $3.25 per pound, marking the second reduction in this article within the past two weeks.

Zinc Dust Higher

Following another fractional advance in the basic metal, zinc dust was advanced ¼c. per pound to 6¾c. to 7¼c. per pound, according to quantity.

Copper Advanced

Price for domestic copper was advanced to 9½c. per pound, delivered Connecticut valley base, by all leading primary producers and smelters. This followed an advance earlier in the week to 9¼c. basis by one producer. Business was active at the higher level. Export copper was in good demand and was quoted around 9.57c. per pound, c.i.f. European base ports.

Foreign Trade Rules

Information recently published by the Department of Commerce on foreign tariff and related trade regulations include the following:—

Drugs:—In cases where Cuban standards have not been fixed for drugs and medicinals imported into the country for consumption, standards of purity established in the country of origin will apply.

Fruit Juices:—Special internal taxes, applicable to imported and domestic products, have been established by France. The rates on concentrated fruit or vegetable juices are to be modified by coefficients determined according to the degree of cencentration.

Gasoline: — The Lithuanian import duty on gasoline, benzine, ligroine, naphtha ether, photogene, and the like, has been reduced from 0.60 lit to 1.40 lit per net kilo.

Gum, Arabic:—France has established an import duty of 10 francs per 100 kilos on gum arabic, formerly exempt from import duty.

Lacquers:—Netherland Indies regulations now provide that imported lacquers, stains, thinners and other paint products containing alcohol are dutiable at the lower rates provided for similar non-alcoholic products, providing the alcohol used in their manufacture has been satisfactorily denatured.

Starch:—The French import duties on tapioca and similar starches have been increased. The new rates follow:—Raw tapioca, in lumps, 122 francs per 100 gross kilos; crushed and granulated tapioca, including products known as pearl and screenings, 133 francs per 100 kilos; sago, salep, arrowroot, flour and fecula of manioc of tavolo and other like exotic plants, not treated on metallic plates, 102 francs per 100 kilos.

Nichols Copper Renamed Phelps Dodge Refining

The name of the Nichols Copper Company, this city, has been changed to the Phelps Dodge Refining Corporation. In changing the name, as of July 1, of the Nichols Copper Company, which is a subsidiary of the Phelps Dodge Corporation, it was stated that the change is confined to the name only, and will not affect its management, personnel or business relations.

The officers of the Phelps Dodge Refining Corporation are:—President, W. C. Bennett; vice-presidents, Cleveland E. Dodge and J. P. Dyer; treasurer, J. E. Fisher; secretary, J. D. Beaty, and manager of chemical sales, Harry M. Rice.

Chemical Price Average Lower

Price changes were more than usually numerous in the markets for heavy and fine chemicals last week; there were many more advances than reductions; but the net effect was downward. Metallic salts were among the stronger items. The higher tax on alcohol was reflected in prices. Superphosphate was the major item among reductions.

The volume of business was increased a little, but could not be called more than moderate. Further improvement in sentiment was evident, and there was no gloomy forecasting of a Summer slump.

Prices were advanced on lead, red lead, litharge, orange mineral, Straits tin, oxide and tetrachloride of tin, tin crystals, electrolytic copper, black and red oxides of copper, borax, boric acid, tartaric acid, cream of tartar, pure alcohol, potash fertilizer salts (discount reduced), gum rosin, bonedry shellac, imported and domestic dried blood, domestic bone, fish scrap, and tankage, hoofmeal at Chicago, and imported nitrogenous fertilizer stuff. Prices were reduced on superphosphate, acetphenetidin, glycerophosphate of potash, U.S.P. hydroxides of soda and potash, Batavia dammar seeds, elemi, ester gum, gum turpentine, colchicine, and antimony.

The Reporter's composite index number of prices for heavy and fine chemicals was further depressed to 125.3 (100 = average at August 1, 1914). In comparison with average prices in 1926 (as 100), the Reporter's index number is now 88.7, against 90.0 at this time last year, and 88.6 in 1936.

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Oil, Paint and Drug Reporter, Volume 134, No. 1, July 4, 1938. Published weekly by Oil, Paint and Drug Publishing Company, Inc., 59 John Street, New York. Annual subscription price:—United States, $5; Canada and Newfoundland, $7; other countries, $10. Entered as second-class matter January 15, 1884, at the Post Office at New York, N. Y., under the Act of March 6, 1879.

N.P.V.L.A. to Remain In Present Quarters

Authorization of the purchase as a site for a new War Department building of land in part occupied by the headquarters building of the National Paint, Varnish and Lacquer Association is not expected to oblige the association to move for sometime.

It is still indefinite when the site will be acquired, and building operations would probably not be started within several months of its acquisition. Furthermore, the plans of the War Department are said to provide for building at first on a part of the prospective site that is not occupied by the N.P.V.L.A. headquarters.

C.P.Gulick Chairman Of National Oil Products

Charles P. Gulick, founder and former president of the National Oil Products Company, Chemical manufacturer, Harrison, N. J., has been elected to the newly created office of chairman of the board. John H. Barton, previously vice-president, has been elected to succeed Mr. Gulick as president. Thomas A. Printon, former general sales manager of the industrial division, has been named vice-president in charge of industrial sales.

Charles P. Gulick

Other officers of the company are:—Vice-presidents, Perc S. Brown and G. Daniel Davis; treasurer, Ralph Wechsler, and secretary, Albert A. Vetter. Mr. Gulick stated that the company had recently expanded its plant facilities in Harrison, N. J.; Chicago, Ill., and Cedartown, Ga.

N.P.V.L.A. Entertainment Convention Committee Named

Ernest T. Trigg, president of the National Paint, Varnish & Lacquer Association, announces the appointment of the following members to serve on the entertainment committee for the golden jubilee convention of the association to be held in Atlantic City, N. J., with headquarters at the Ambassador hotel, with the Ritz-Carlton as an auxiliary hotel, October 26, 27, 28, 1938:—Chairman, Wm. H. Jarden, jr., of the McCloskey Varnish Company, Philadelphia; C. Burch Athey, of the C. M. Athey Paint Company, Baltimore, Md.; Louise Gillespie, of the Gillespie-Rogers-Pyatt Company, New York; D. J. Healy, of the Spencer Kellogg & Sons Sales Corporation, New York; H. W. Hock, of the Hock Paint & Chemical Works, Phoenixville, Pa.; S. French Reeves, of the John T. Lewis & Brothers Company, Philadelphia; John Stutt, of E. I. du Pont de Nemours & Co., Philadelphia.

The wives of the members on the entertainment committee will compose the ladies reception committee for the convention.

Texas Corp. Secretary Saunders

R. L. Saunders has been appointed secretary of the Texas Corporation, this city. Mr. Saunders succeeds the late E. M. Crone. Mr. Saunders was formerly assistant general sales manager.

World Chemical Output Up in 1937

The chemical industry of the world during 1937 continued the progress made in the preceding years. Strong nationalistic and rearmament programs encouraged the rapid progress of manufacture of chemical products, especially in European countries, notwithstanding that sometimes these new industries were uneconomic, according to a world survey of the chemical and allied product industry made available by the chemical division of the Department of Commerce. Foreign chemical trade in 1937 was the largest since 1929. In South America, though competition from certain European countries was keener, the almost world-wide self-sufficiency movement was evident in the area.

The continued civil war in Spain reduced chemical exports from European suppliers to that country and caused them to seek foreign outlets elsewhere, as well as to look for new sources of supply for certain raw materials formerly supplied by Spain. Despite conditions in Spain, however, that country exported 2,292,000 metric tons of pyrites last year against 1,985,000 tons in 1936. The withdrawal of Spanish potash from world markets was automatically taken care of by the International Potash Cartel, according to the survey.

Italy re-entered world chemical markets with products which had been temporarily withdrawn during the Ethiopian campaign. An outstanding effect, so far as the United States is concerned, was the resumption of Italian sulphur shipments to markets which obtained their sulphur requirements from the United States during 1938.

In the Far East, the Sino-Japanese situation tended to disorganize trade in that region during the latter part of the year and resulted in much of Shanghai's normal business being rerouted

—*Continued on page* 50

Farm Cooperators To Meet July 11-15

Agricultural cooperators in buying and selling will gather for a broad Western conference at the session of the American Institute of Cooperation, July 11 to 15. Meetings will be held the first three days at the State College of Washington, Pullman, and the other two days at the University of Idaho, Moscow.

This session of the institute is the first in ten years to be held in the West, and it is expected to attract several thousand farmer attendants. More than 150 speakers and discussion leaders are scheduled for the fifty separate meetings, including cooperative executives, State and Federal officials, educators, and nationally recognized authorities in agricultural economics.

The general topics of the discussions in the nine general sittings are the followings:—

At State College of Washington

July 11, 8:30 a. m.—"Economic and Social Foundations of Cooperation."
9:30 a. m.—"A Look Ahead for the Cooperative Movement."
"Developments and Current Problems of Cooperative Marketing."
8:00 p. m.—"Services to Agriculture of the American Institute of Cooperation."
July 12, 8:30 a. m.—"Economic and Social Foundations of Cooperation."
9:30 a. m.—"Developments and Current Problems of Cooperative Purchasing."
July 13, 8:30 a. m.—"Economic and Social Foundations of Cooperation."
9:30 a. m.—"The Financial Structure of Cooperatives."
"Administering the Internal Finances of a Cooperative."

At University of Idaho

July 13, 8:00 p. m.—"The Effects of the Government's Trade Agreement Program upon Agriculture and Industry."
July 14, 8:30 a. m.—"Economic and Social Foundations of Cooperation."
9:30 a. m.—"Developments and Problems of Member Relationships."
8:00 p. m.—"The Philosophy and Practical Operations of the New Farm Bill."
"Gold and Its Effect on Farm Prices."
July 15, 8:30 a. m.—"Economic and Social Foundations of Cooperations."
9:30 a. m.—"The Effect of the New Farm Bill upon Agriculture and Cooperation."
2.00 p. m.—"The Effect of the New Farm Bill upon Agriculture and Cooperation."

Group conferences on cooperative purchasing will be held at 2:00 p. m. July 11, 12 and 13 at the State College of Washington, and at 2:00 p. m. July 14 at the University of Idaho.

Reinders Denied Peroxide Patent

OPD Washington Bureau
June 27, 1938

Affirming an earlier decision of the Patent Office, the United States Court of Customs and Patent Appeals has denied to William Reinders an application for a patent on improvement in a process for production of hydrogen peroxide.

The court stated that the question at issue was whether, in view of the prior art, using an alternating electric current to heat a persulphate solution for production of hydrogen peroxide involves invention, and the court found that it does not.

Stream Pollution Bill Not Approved

OPD Washington Bureau
June 27, 1938

The White House announced today that President Roosevelt failed to sign the stream pollution bill, thus preventing the measure from becoming law.

The President's objection was based on the fact that the bill provides for loans and grants from the Federal government to municipalities and industries for construction of pollution control works but does not provide that these projects be approved by the President or the Bureau of the Budget. He did not refer to controversies which delayed this bill for more than a year in Congress, but advocates of Federal control of pollution and heavy penalties for permitting sewage or industrial wastes to enter streams have declared that they will make another fight for these proposals at the next Congress.

In a memorandum of disapproval the President, while expressing appreciation of the results to which the bill was directed and approval of the establishment of a division of water pollution control in the United States Public

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Flavoring Extract Makers Discuss Fair Trade Legislation

Atlantic City, June 29, 1938

Discussion of technical developments leading to further improved flavoring extracts, together with an explanation of recently enacted legislation as affecting the industry, occupied the interest of members of the Flavoring Extract Manufacturers' Association, at its twenty-ninth annual meeting, held in the Hotel Traymore, June 27 to 29.

Officers elected were:—President, L. P. Symmes, of the Baker Extract Company, Springfield, Mass.; first vice-president, Dr. Clarke E. Davis, of the Virginia Dare Extract Company, Brooklyn; second vice-president, John Beach, of Seeley & Co., New York; third vice-president, E. P. Price, of the Flavoring Extract Company; secretary, E. L. Brendlinger, of the Dill Company, Norristown, Pa., and treasurer, Leslie Beggs, of Stryon, Beggs & Co., Newark, N. J. Elected to the executive committee was George Armor, of McCormick & Co., Baltimore.

L. P. Symmes
New President

George M. Armor, of McCormick & Co., Baltimore, in his address as president of the association, said that manufacturers throughout the nation, especially in the food line, are greatly disturbed over extreme price-cutting which is now prevailing in many of the larger markets. He said that, while there has been little visible sentiment in favor of abolishing the various Federal laws which permit State fair-trade legislation, it's entirely possible that they will again come under congressional scrutiny in the next session.

Mr. Armor said that the enactment of the Miller-Tydings act represented the outstanding piece of price-fixing legislation passed. Although this particular law, he said, was passed with but little opposition in either House, the fact is that its consequences will be involved in any real investigation of monopoly. Thus, he said, it is by no means invulnerable and there is a definite move in prospect to get rid of it in 1939.

Some manufacturers in the food line, Mr. Armor said, have signed up under the fair trade acts, especially where price-cutting has been so extreme. However, he said, most manufacturers who sell through the wholesale trade have not found it advisable to comply with either Federal or State laws. He said that a new form of legislation is now proposed, with some bills known as "below cost selling." These bills, he said, will establish a floor price, binding upon all, below which merchandise cannot legally be sold.

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George M. Armor
Retiring President

Paul S. Willes, president of the Associated Grocery Manufacturers of America, New York, discussed the provisions of the Robinson-Patman act. He was of the opinion that, as a result of the act, quantity discounts have been leveled out; brokerage payments eliminated; and advertising allotments have settled to a more orderly fashion.

Dr. B. H. Smith, of the Virginia Dare Extract Company, led a symposium on the market outlook for vanilla beans and the essential oils. In connection with bourbon vanilla, Mr. Smith said that there are rumors of a considerable amount of new planting during the past few years, but, he added that it is difficult to get exact information, even from the French authorities.

With regard to Mexico, which, Mr. Smith pointed out was next in importance as a source of vanilla, the unsettled political situation there adds to the usual uncertainty. He was of the opinion that the value of beans should be kept down in price to $3.50 or less per pound, in order to encourage the use of vanilla.

Lemon oil market outlook, Mr. Smith said, appeared firm. He said the reverse was true of orange oil. Mr. Smith was of the belief that because of the excellent orange crop in California together with the possibilities of a greater development of citrous oil production in Florida, there is no particular need for contracting eight to ten months in advance.

—*Continued on page* 42

Drug Trade Rents Hall at N.Y. World Fair

A lease was signed June 25 between the Fair Corporation and Show Globe, Inc., under which the latter gets possession of the Hall of Pharmacy in the New York World Fair to open in 1939. The rental will be $322,778. The building contains 23,027 square-feet of exhibit space, and is situated on the Court of Power, a short distance eastward from the Theme Center.

Space in the Hall of Pharmacy will be sublet to companies and organizations of the drug industry, and the project undertaken by Show Globe, Inc., contemplates an expenditure of approximately $1,000,000. Definite space reservations are reported to have been made by the Bristol-Myers Company, the Lambert Pharmacal Company, McKesson & Robbins, Inc., the Miles Laboratories, and the Pepsodent Company. Nearly a score of manufacturers are reported to have indicated their intention to participate in the exhibit, which will comprise every phase of the drug industry from crude materials to finished products as they go to the consumer.

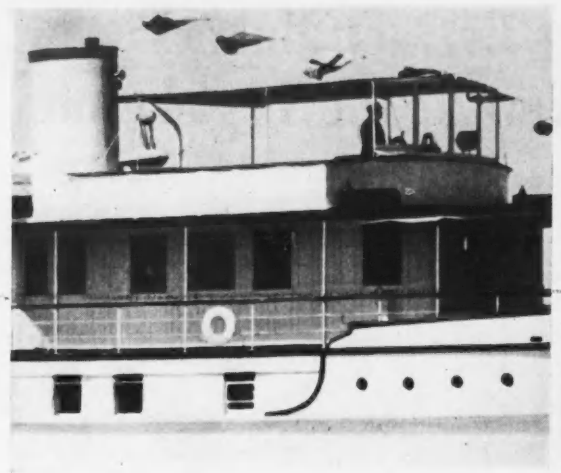
Details of the exhibits have not yet been completed, but among those planned are a model drug store of the "World of Tomorrow," an unusual streamlined soda fountain, and establishment of an "International Drug Club," in which the 60,000 retail druggists in this country and those of foreign countries will be eligible to membership.

Signing Contract for Hall of Pharmacy at N.Y. World Fair

Seated:—Lee H. Bristol, vice-president of the Bristol-Myers Company; Grover A. Whalen, president of the Fair Corporation; A. H. Diebold, president of Sterling Products, Inc.

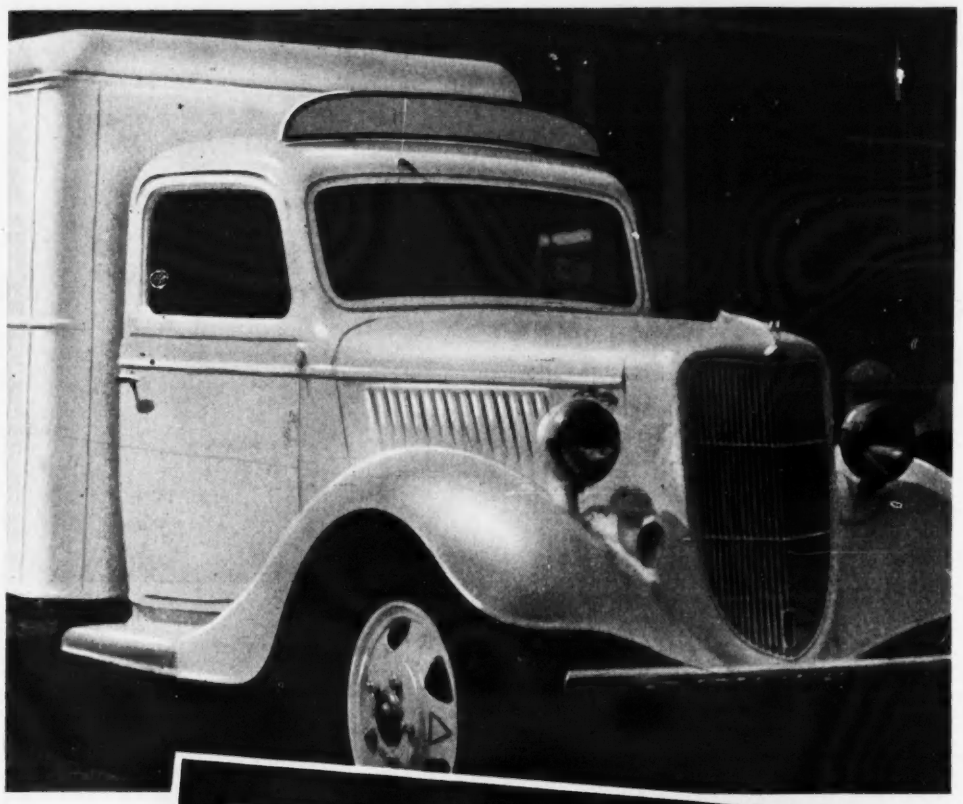
Standing:—Earle A. Meyer, president of Show Globe, Inc.; Robert L. Lund, vice-president of the Lambert Pharmacal Company; Murray Breese, of Murray Breese Associates; Joseph A. Huisking, chairman of drug trade's advisory committee on participation in the fair; Clarence C. Meleney, secretary and counsel of Show Globe, Inc.

(The drug trade press was not represented at the signing).



Now—TITANOX-A, PHTHALATE TREATED

for light-tinted enamels with exceptional resistance to chalking . . .



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TRADE MARK

Unique . . .

In the field of industrial finishes, there has been a long-felt requirement for a single pigment which would have both high tinting strength, and resistance to chalking, under *conditions of exposure to the weather.*

TITANOX-A, Phthalate Treated, fully meets such requirements and is unique in the respect that no other white pigment approaches it in the combination of these characteristics.

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EVERY paint manufacturer will find a new aid to quality in this latest development of TITANOX-A (Titanium Dioxide) which gives all the opacity and durability of the original pigment *plus* remarkable resistance to chalking under conditions of exposure to weather. We call this improved pigment TITANOX-A, Phthalate Treated.

It can be used with advantage in tinted automotive finishes and other industrial coatings in which maximum durability is desired to withstand the results of exposure and use.

TITANOX-A, Phthalate Treated, produces finishes superior in chalking resistance and durability, to those heretofore attained. It may be substituted for and expected to give better service than other types of TITANOX-A in its particular field of application.

The most practical use of the pigment appears to be in tinted finishes made with alkyd resin such as automotive enamels and in nitrocellulose lacquers.

Technical inquiry is invited

TITANIUM PIGMENT CORPORATION
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TITANOX-C (Titanium Calcium Pigment)
TITANOX-L (Lead Titanate)
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●

111 Broadway, New York, N. Y.; Carondelet Station, St. Louis, Missouri; National Lead Company (Pacific Coast Branch) 2240 24th Street, San Francisco, California

●

Current Market Quotations

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When not otherwise indicated, quotations are f. o. b. New York prices on large lots. Prices changes and trends are noted in the market reports on other pages, with other informative comment. The locations of the several reports are indicated on page 4.

A

Acacia (see Gum, Arabic)
Acetal, dms., dlvd.....lb. .75 - 1.00
Acetaldehyde, 99%, 55 & 110 gls., dms., dlvd..lb. .14 - —
5 & 10 gal. dms., dlvd.....lb. .16 - —
Acetamide, CP, kgs., 1,000 lb. lots, dlvd..lb. .44 - —
tech., kgs, 1,000 lb. lots, dlvd. lb. .39 - —
Acetanilide, tech., 95%, bbls..lb. .29 Nom.
USP, cryst., bbls., 2,000 lb. lots lb. .32 - —
smaller lots.....lb. .33 - —
dms., 25 lb. lots.....lb. .38 - —
kgs, 2,000 lb. lots.....lb. .33 - —
smaller lots.....lb. .34 - —
powd., bbls., 2,000 lb. lots..lb. .30 - —
smaller lots.....lb. .31 - —
dms., 25 lb. lots.....lb. .36 - —
kgs., 2,000 lb. lots.....lb. .31 - —
smaller lots.....lb. .32 - —
Acetoacetanilide, dms.....lb. .65 - .70
Acetone, CP, dms., c.l., dlvd..lb. .05¾- —
l.c.l., dlvd.....lb. .06¼- —
tanks, dlvd.....lb. .04¾- —
Methyl (see M)
Acetonphenone, bots.....lb. 1.30 - 1.45
cns., 25 lbs.....lb. 1.15 - 1.25
dms., 100 lbs.....lb. 1.05 - —
Acetophenetidin, bbls., kegs, 1,000 lbs..lb. 1.00 - —
50 lbs.....lb. 1.02 - —
25 lbs.....lb. 1.05 - —
Acid, abietic, dms., c.l.....lb. .08¾- —
l.c.l.....lb. .09 - .12
Acetic, coml. or redist., 28%, cbys.....100 lbs. 2.23 - 2.48
56%, bbls.....100 lbs. 4.15 - 4.40
cbys.....100 lbs. 4.65 - 4.90
70%, bbls.....100 lbs. 5.17 - 5.42
cbys.....100 lbs. 5.67 - 5.92
80%, bbls.....100 lbs. 5.89 - 6.14
cbys.....100 lbs. 6.39 - 6.64
glacial, nat., CP., cbys..100 lbs.14.00 - —
99.5%, bbls.....100 lbs. 7.62 - 7.87
cbys.....100 lbs. 8.12 - 8.37
USP, bbls.....100 lbs.10.25 -10.50
cbys.....100 lbs.10.75 -11.00
synth., 99.5%, al. dms., 100 lbs. 8.43 - 8.68
cbys.....100 lbs. 8.68 - 9.18
USP, al. dms.....100 lbs.10.25 -10.50
cbys.....100 lbs.10.75 -11.00
pure, 30%, bbls.....100 lbs. 3.28 - 3.53
cbys.....100 lbs. 3.78 - 4.03
36%, bbls.....100 lbs. 3.66 - 3.91
cbys.....100 lbs. 4.16 - 4.41
60%, bbls.....100 lbs. 6.15 - 6.40
cbys.....100 lbs. 6.65 - 6.90
80%, bbls.....100 lbs. 7.68 - 7.93
cbys.....100 lbs. 8.18 - 8.43

Acetic acid price differentials above are for c.l. and l.c.l. quantities; the prices apply dlv'd at destination in the following States: Conn., Dela., D. of C., Md., Mass., N. J., N. Y., N. and S. Car., R. I., Penna., and Va. For all other States, except Wash., Ore., and Calif., prices are f.o.b. works, frt. equalized.
Acetic, anhydride, dms., c.l.,
Acetic, anhydride, dms., c.l., frt. alld..lb. .10¼- .11¼
l.c.l., dms., frt. alld.....lb. .12 - .13
Acetylsalicylic, USP, bbls., 200 lbs..lb. .60 - —
boxes, 25 lbs.....lb. .61 - —
kgs., 100 lbs.....lb. .60 - —
Anthranilic, refd., bbls.....lb. 1.15 - 1.20
tech., bbls.....lb. .75 - —
Arsenous, tech. (see Arsenic, White).
USP, powd., dms., kegs...lb. .22 - .25
Ascorbic, bots., dms.....oz. 3.00 - 3.25
Battery, cbys, c.l., E. works 100 lbs. 1.60 - —
l.c.l., 25 or more, E. works, 100 lbs. 1.85 - —
10-24, E. works....100 lbs. 1.95 - —
1-9, E. works.....100 lbs. 2.55 - —
Benzoic, tech., bbls., 4,000 lbs. or more..lb. .43 - —
1,000 to 3,900 lbs.....lb. .44 - —
900 lbs. or less.....lb. .47 - —
USP, bbls., 4,000 lbs. or more lb. .54 - —
1,000 to 3,900 lbs.....lb. .55 - —
900 lbs. or less.....lb. .58 - .59
dms., 4,000 lbs. or more..lb. .55 - .56
1,000 to 3,900 lbs.....lb. .56 - .57
900 lbs. or less.....lb. .59 - .60
Boric, tech., 99.5%, gran., bbls., contracts, 80 tons, delvd. ton.106.00 - —
c.l., dlvd.....ton.111.00 - —
l.c.l., ex whse.....ton.118.00 -123.00
sks., contracts, 80 tons, dlvd..ton.96.00 - —
c.l., dlvd.....ton.101.00 - —
l.c.l., ex whse.....ton.108.00 -113.00
powd., bbls., contracts, 80 tons, dlvd..ton.111.00 - —
c.l., dlvd.....ton.116.00 - —
l.c.l., ex whse.....ton.123.00 -138.00
sks., contracts, 80 tons, dlvd..ton.101.00 - —
c.l., dlvd.....ton.106.00 - —
l.c.l., ex whse.....ton.113.00 -128.00
U.S.P., $25 per ton higher.
Broenner's, bbls.....lb. 1.11 - —
Butyric, 99%, dms., c.l., S. Charleston, W. Va..lb. .22 - —
l.c.l., same basis.....lb. .23 - —
tanks, same basis.....lb. .21 - —
Camphoric, cns.....lb. 5.50 - 5.70
Capric, dms.....lb. .12 - .12½
Caproic, cns.....lb. 2.20 - —
Carbolic (see Phenol).
Castor oil, split, dms.....lb. .17¼- .18
Chinawood oil, dms.....lb. .15 - .15½
Chlorosulphonic, dms., c.l., works..lb. .0350- —
5-drum lots, works.....lb. .04 - —
single drum.....lb. .05 - —
tanks, works.....lb. .03 - —
Chromic, 99%, dms., delvd. N. Y..lb. .15¼- .17¼
Cinnamic, refd., bots.....lb. 2.85 - 3.25
Citric, cryst., gran., bbls., car lots..lb. .22 - —
10,000 lb., lots, one shipt., lb. .22½- —
smaller lots .....lb. .23 - —
kegs .....lb. .23½- —

Acid, citric, anhyd., gran, dms., 10,000 lbs. 1 shipt..lb. .25 - —
smaller lots .....lb. .25½- —
Citric acid quotations on powder are ½c. higher than on granular. Keg packing is ½c. higher than barrels. Prices are f.o.b., N. Y. Chicago and St. Louis deliveries are ½c. higher than N. Y.
Cleve's, bbls. .....lb. .57 - —
Coconut oil, dist., dms.....lb. .09 - .09½
Corn, dist., dms.....lb. .06¾- .07
Cottonseed oil, dist., dms....lb. .06¼- .06¾
tanks .....lb. .0575- —
Cresylic, high-boil, dom., c.l., works, frt. equaled..gal. .73 - —
l.c.l., same basis.....gal. .74 - —
low-boil, dms., c.l., works frt. equaled..gal. .78 - —
l.c.l., same basis.....lb. .80 - —
Imported, dms. .....gal. .70 - .86½
Crotonic, bbls., dlvd.....lb. .21 - —
smaller containers, dlvd....lb. .50 - —
Diethylbarbituric (see Barbital))
Formic, dom., seaboard, 90% cbys., f.o.b. stock points, c.l...lb. .10½- —
l.c.l., 25 and over..lb. .11 - —
1-24 .....lb. .11½- —
inland territory, cbys., c.l.lb. .1185- —
l.c.l., 25 and over.....lb. .1235- —
1-24 .....lb. .1285- —
southern territory, cbys., c.l., lb. .1170- .1240
l.c.l., 25 and over.....lb. .1220- .1290
1-24 .....lb. .1270- .1320
Fumaric, bbls. .....lb. .75 - —
Gallic, tech., bbls.....lb. .70 - .73
N. F., VI, bbls., 200 lbs., 5 or more..lb. .77 - —
single bbls. .....lb. .80 - —
fib. dms., 25 lbs.....lb. .81 - —
Gamma, bbls. .....lb. .85 - —
Gluconic, tech., 50%, bbls., 600 lbs..lb. .20 - —
H, bbls. .....lb. .50 - .55
Hempseed oil, dms.....lb. .1180- .1225
Hydriodic, 47%, bots.....lb. 2.20 - 2.25
57%, bots. .....lb. 2.65 - 2.70
Hydrobromic, 10% dilut., USP, lb. .20 - .21
pure, 34% conct, cbys.....lb. .42 - .44
Hydrochloric (see Muriatic).
Hydrocyanic, cyls, works...lb. .80 - 1.00
Hydrofluoric, 30%, bbls.....lb. .07 - .0750
lead, cbys. .....lb. .09 - .0950
48%, lead cbys.....lb. .1150- .12
52%, lead cbys.....lb. .1250- .13
60%, lead cbys.....lb. .15 - .1550
Hydrofluosilicic, 30-35%, bbls.lb. .10¼- .15
Hypophosphorus, USP, 30%, djns..lb. .75 - —
Lactic, tech., dark, 22%, bbls., c.l., works..100 lbs. 2.50 - —
l.c.l., bbls., works..100 lbs. 2.75 - —
cbys., works....100 lbs. 3.75 - —
44%, bbls., c.l., works, 100 lbs. 5.50 - —
l.c.l., bbls., works..100 lbs. 5.75 - —
cbys., works....100 lbs. 6.75 - —
light, 22%, bbls., c.l., works, 100 lbs. 3.50 - —
l.c.l., bbls., works..100 lbs. 3.75 - —
cbys., works....100 lbs. 4.75 - —
44%, bbls., c.l., works, 100 lbs. 6.50 - —
l.c.l., bbls., works..100 lbs. 6.75 - —
cbys., works....100 lbs. 7.75 - —
50%, edible, 20 and over, bbls., cbys..lb. .10½- .11¼
plastic grade .....lb. .12¼- .13¼
5 to 19, edible, bbls., cbys., lb. .11 - .12
plastic grade.....lb. .12¾- .13¾
1 to 4, edible, bbls., cbys., lb. .11½- .12¼
plastic grade.....lb. .13¼- .14½
80%, 5 and over, bbls., cbys..lb. .21 - .22
1 to 4 bbls., cbys.....lb. .21½- .22½
USP, XI, 85%, cbys.....lb. .43 - .45
USP, VIII, 75%, cbys.....lb. .41 - .43
Lauric, dist., dms.....lb. .18 - .20
Laurent's, bbls.....lb. .45 - —
Levulinic, 5lb. bots., works..lb. 2.00 - —
Linseed, oil, dark or light, dms..lb. .1050- .1100
extra white, dist., dms....lb. .12½- .13
Maleic, powd., dms.....lb. .30 - .40
anhydride, dms.....lb. .33 - .43
Malic powd., kegs.....lb. .45 - .60
Mandelic, bots.....lb. 2.30 - —
dms., 1,000 lbs...lb. 1.90 - —
smaller lots .....lb. 2.15 - —
Mixed, tanks, nitric unit....lb. .05 - .06
sulphuric unit.....lb. .0085- .009
Molybdic, kgs., works.....lb. .95 - 1.10
Monochloroacetic, tech., bbls.lb. .15 - .18
Monosulphonic, bbls. .....lb. 1.50 - 1.60
Muriatic, 18°, cbys., c.l., E. works..100 lbs. 1.50 - —
l.c.l., 25 and over, E. works..100 lbs. 1.75 - —
10 to 24, works..100 lbs. 1.85 - —
1 to 9, works..100 lbs. 2.45 - —
tanks, works.....100 lbs. 1.05 - —
20°, cbys., c.l., E. works, 100 lbs. 1.75 - —
l.c.l., 25 and over, works, 100 lbs. 2.00 - —
10 to 24, works..100 lbs. 2.10 - —
1 to 9, works..100 lbs. 2.70 - —
tanks, works.....100 lbs. 1.15 - —
22°, cbys., c.l., E. works, 100 lbs. 2.25 - —
l.c.l., 25 and over, works, 100 lbs. 2.50 - —
10 to 24, works..100 lbs. 2.60 - —
1 to 9, works..100 lbs. 3.20 - —
tanks, works.....100 lbs. 1.65 - —
C.P., USP, dealers, cbys....lb. .06½- —
6-lb. bots.....lb. .18½- —
consumers, cbys.....lb. .08 - —
6-lb. bots.....lb. .20 - —
Myristic, dist., dms.....lb. .15¾- .16¼
Naphthenic, S.V. 120-200, dms., lb. .07 Nom.
210-230, dms.....lb. .09 Nom.
240-280, dms... .....lb. .10 Nom.
sludges, dms.....lb. .05 Nom.
Nevile & Winther's, bbls....lb. .63 - —
Nitric, 36°, cbys., c.l., E. works, 100 lbs. 5.00 - —
l.c.l., 25 and over, E. works..100 lbs. 5.25 - —
10 to 24, works...100 lbs. 5.35 - —
1 to 9, works..100 lbs. 5.95 - —

Acid, nitric, 38°, cbys., c.l., E. works..100 lbs. 5.50 - —
Western works...100 lbs. 5.75 - —
l.c.l., 25 and over, E. works..100 lbs. 5.75 - —
10 to 24, works..100 lbs. 5.85 - —
1 to 9, works..100 lbs. 6.45 - —
40°, cbys., c.l., E. works.... 100 lbs. 6.00 - —
l.c.l., 25 and over, E. works..100 lbs. 6.25 - —
10 to 24, works..100 lbs. 6.35 - —
1 to 9, works..100 lbs. 6.95 - —
42°, cbys., c.l., E. works. 100 lbs. 6.50 - —
l.c.l., 25 and over, works. 100 lbs. 6.75 - —
10 to 24, works..100 lbs. 6.85 - —
1 to 9, works..100 lbs. 7.45 - —
C.P., USP, dealers, cbys....lb. .11½- —
7-lb. bots.....lb. .22½- —
consumers, cbys.....lb. .13 - —
7lb. bots.....lb. .24 - —
Oleum (see sulphuric fuming).
Oxalic, dom., bbls., c.l., works, lb. .10¾- —
10,000 lbs., and over....lb. .11 - —
smaller quantities.....lb. .12 - .14
Palm oil, d. dist., dms.....lb. .0650- .0740
s. dist., dms.....lb. .0590- .0680
Perilla, dist., dms.....lb. .1375- .1425
Phenylacetic, bots. .....lb. 1.75 - 3.00
Phosphoric, tech., 50%, cbys.lb. .06 - —
75%, cbys.....lb. .09 - —
USP, 85%, s. g. 1.710, cbys., 180 lbs..lb. .12 - —
50% s. g., 1347, cbys., 70 lbs..lb. .12 - —
djns., 25 lbs.....lb. .15 - —
10%, dilut., cbys., djns..lb. .07 - .07¼
Picramic, kgs.....lb. .65 - .70
Picric, bbls.....lb. .35 - —
Propionic ref., cbys., works..lb. .25 Nom.
dms., works.....lb. .22 Nom.
tech., cbys., works.....lb. .20 Nom.
dms., works.....lb. .16 Nom.
Pyrogallic, tech., lump, powd., bbls..lb. 1.05 - —
cns. .....lb. 1.10 - —
USP, cryst., cns.....lb. 1.45 - 1.65
resubl., cns.....lb. 2.05 - 2.15
Pyroligneous, bbls., dlvd. E. gal. .25 - —
Ricinoleic, dms .....lb. .35 - —
tech., bbls.....lb. .13 - —
Salicylic, tech., bbls.....lb. .33 - —
USP, bbls.....lb. .40 - .45
Sebacic, C.P., bbls., works...lb. .58 - —
tech., bbls., works.....lb. .37 - .41
Soybean oil, dist., dms.....lb. .09 - .09¼
Stearic, distil., double pressed, bgs., dlvd..lb. .11 - .12
single pressed, bgs., dlvd.lb. .10¼- .11¼
triple pressed, bgs., dlvd..lb. .13¾- .14¾
saponif., double pressed, bgs., dlvd..lb. .11¼- .12¼
triple pressed, bgs., dlvd.lb. .14 - .15
Succinic, bbls.....lb. .75 - —
Sulphanilic, CP, bots, works.lb. 1.60 - 1.68
tech., dms., works.....lb. .17 - —
Sulphonaphthenic, dms.....lb. .04 - .10
Sulphuric, 60°, cbys., c.l., E. works..100 lbs. 1.25 - —
l.c.l., 25 and over, works, 100 lbs. 1.50 - —
10 to 24, works..100 lbs. 1.60 - —
1 to 9, works..100 lbs. 2.20 - —
tanks, E. works.....ton.13.00 - —
66°, cbys., c.l., E. works, 100 lbs. 1.50 - —
l.c.l., 25 and over, works, 100 lbs. 1.75 - —
10 to 24, works..100 lbs. 1.85 - —
1 to 9, works..100 lbs. 2.45 - —
tanks, E. works.....ton.16.50 - —
98°, tanks, works.....ton.17.50 - —
C.P., USP., dealers, cbys., lb. .06½- —
9-lb. bots. .....lb. .16½- —
consumers, cbys. .....lb. .08 - —
9-lb. bots. .....lb. .18 - —
fuming, 20%, tanks, E. works, ton.18.50 - —
65%, tanks, E. works....ton.36.00 - —
Tannic, tech., bbls., dms...lb. .40 - .47
USP, fluffy, bbls., dms., 1,000 lb.-
100-lb. lots .....lb. .90 - —
25-lb. lots .....lb. .93 - —
powd., bbls., 1,000 lbs....lb. .78 - —
smaller lots .....lb. .80 - —
Tartaric USP, dom., cryst., gran., powd., bbls., 10,000 lbs. or more, one shipment..lb. .27¼- —
smaller quantities.....lb. .27¾- —
kgs. .....lb. .28¼- —
Tobias, bbls. .....lb. .65 - —
Trichloroacetic, bots. .....lb. 2.00 - 2.50
Tungstic, CP, kgs, works....lb. 2.85 - 3.10
tech., kgs., works.....lb. 1.90 - 2.00
Aconite, leaves, bls.....lb. .25 - .26
Root, bls.....lb. .28 - .30
Aconitine, amorph., bots.....oz.17.00 -18.00
vis. .....gr. .06 - .09
cryst., bots.....oz.30.00 - —
vis. .....gr. .09 - .11
Adeps lanae, anhyd., dms....lb. .17¼- .19
hyd., dms.....lb. .16 - .18
Agar 1, bls.....lb. .80 - .85
2, bls.....lb. .75 - .80
3, bls. .....lb. .63 - .65
Agaric, white, bls.....lb. 3.00 - 3.20
Albumen, blood, dark, flake, bgs., f.o.b. Chicago, frt. alld....lb. .13 - —
pow'd, grade A, same basis, ton lots..lb. .15 - —
lots..lb. .88 - —
smaller lots, same basis, lb. .16 - —
light, dom., flake, dms., f.o.b., Chicago., frt. alld. lb. .52 - .60
import, bgs. .....lb. .50 - —
Egg, ed., dom., cryst., bbls., lb. .82 - .84
dom., pwd., dms., bbls., lb. .86 - .88
import, cs.....lb. .82 - —
Alcohol, amyl (see also Fusel oil, refd.), ex pentane dms., c.l., frt. alld..lb. .133 - —
l.c.l., frt. alld.....lb. .143 - —
tanks, frt. alld.....lb. .123 - —
secondary, dms., c.l., frt. pd., E. of Rocky Mts..lb. .09½- .10
l.c.l., same terms.....lb. .10 - .10¼
tanks, same terms.....lb. .08½- .09
Benzyl, cans.....lb. .68 - —
drums .....lb. .63 - —

Alcohol, butyl, normal, dms., c.l., frt. alld..lb. .10 - —
l.c.l., frt. alld.....lb. .10½- —
tanks, frt. alld.....lb. .09 - —
secondary, dms., c.l., frt. pd., E. of Rocky Mts..lb. .07 - —
l.c.l., same terms.....lb. .07½- —
tanks, same terms.....lb. .06 - —
tertiary, denating, dms., frt. alld..lb. .14 - —
Capryl, pure, dms., works...lb. 2.50 - —
tech., dms., works.....lb. .85 - —
Cetyl, dom., C.P., fiber ctns., 1,000 lbs..lb. 1.50 - —
500 lbs.....lb. 1.70 - —
100 lbs.....lb. 1.80 - —
25 lbs.....lb. 1.90 - —
5 lbs.....lb. 2.00 - —
com'l., dms.....lb. .95 - —
import, 85%, 100 lb. dms...lb. .55 - —
5 to 10 lbs.....lb. .75 - —
coml., dms., 350 lbs.....lb. .45 - —
Cinnamic, bots. .....lb. 2.00 - 2.90
Denatured, CD14, dms., c.l., works, E..gal. .35 - —
l.c.l., works, dms., to jobbers..gal. .38 - —
works, dms., to dealers and industrial accounts, gal. .40 - —
tanks, E., works.....gal. .27 - —
Prices for territories other than E. of Rockies, 3c. per gal. higher. Tankcar sales require written authorization by Alcohol Tax Unit.
SD1, 190 pf., bbls., c.l., E. works..gal. .32 - —
19 bbls., E. works...gal. .34 - —
1 to 18 bbls., E. works, gal. .37 - —
dms., c.l., E. works....gal. .31 - —
19 dms., E. works...gal. .33 - —
1 to 18 dms., E. works, gal. .36 - —
tanks, E. works.....gal. .25 - —
Anhydrous, 5c. per gal. higher.
SD23-G, works, E., dms., c.l., gal. .35½- —
19 dms.....gal. .37½- —
1 to 18 dms.....gal. .40½- —
tanks .....gal. .29½- —
Prices for territories other than E. of Rockies, 3c. per gal. higher.
Special solvent, dms., c. l., E. works..gal. .32 - —
20 dms., E. works...gal. .34 - —
1 to 19 dms., E. works, gal. .37 - —
tanks, E. works.....gal. .28 - —
Tankcar sales require written authorization by Alcohol Tax Unit.
Diacetone, pure, contract, dms., c.l., frt., alld...lb. .11¼- —
l.c.l., frt. alld.....lb. .12 - —
tanks, dlvd.....lb. .10½- —
tech., contract, dms., c.l., frt. alld..lb. .10¼- -
l.c.l., frt. alld.....lb. .11 - —
tanks, dlvd.....lb. .09½- —
Ethyl, 190 pf., ex molasses, bbls., c.l..gal. 4.58½- —
19 bbls.....gal. 4.60½- —
1 to 18 bbls.....gal. 4.63½- —
dms., c. l .....gal. 4.59½- —
19 dms.....gal. 4.61½- —
1 to 18 dms.....gal. 4.64½- —
tanks .....gal. 4.51½- —
absolute, dms., c.l.....gal. 4.90 - —
19 dms.....gal. 4.92 - —
1 to 18 dms.....gal. 4.95 - —
Grain alcohol 25c. per gal. higher.
Furfuryl, tech., cns., works..lb. .45 - —
dms., c.l., 33,000 lbs., works, lb. .30 - —
l.c.l., 500 lbs. and more, works..lb. .35 - —
Hexyl, secondary, dms., c.l., frt. pd. E. of Rocky Mts.lb. .13 - —
l.c.l., same terms.....lb. .13¼- —
tanks, same terms.....lb. .12 - —
Isoamyl, primary, dms., c.l., dlvd..lb. .27 - —
cans, works.....lb. .32 - —
Isobutyl, refd., dms., c.l., works, frt. alld. E. of Rockies.lb. .09¼- —
l.c.l., same terms.....lb. .10 - —
tanks, same terms.....lb. .08½- —
Isopropyl, 99%, c.l., dms., f.o.b., dest..gal. .36 - —
l.c.l., same basis.....gal. .41 - —
tanks, same basis.....gal. .31 - —
refd., 91%, dms., c.l., same basis..gal. .36 - —
l.c.l., same basis.....gal. .41 - —
tanks, same basis.....gal. .31 - —
tech., 91%, dms., c.l., same terms..gal. .33½- —
l.c.l., same terms....gal. .38½- —
tanks, same terms....gal. .28½- —
98%, dms., c.l., same terms, gal. .37½- —
l.c.l., same terms....gal. .42½- —
tanks, same terms....gal. .32½- —
Methyl (see Methanol)
Phenylethyl, bots, cns.....lb. 2.70 - 4.25
Propyl (see Isopropyl)
Propyl, normal, dms., works, gal. .70 - —
Aldehol, denat., grade, dms., tanks, works.....gal. .70 - .71
Aldehyde bisulphite bbls., dlvd. lb. .17 - —
smaller containers.....lb. .20 - —
Aldol, 95%, 55 & 110 gal. dms., dlvd..lb. .20 - —
5 & 10 gal. dms., dlvd.....lb. .22 - —
Aletris root, bgs.....lb. .38 - .39
Alizarin (see Red, alizarin).
Alkanet root, bgs.....lb. .10 - .11
Aloe, Barbados, true, cs.....lb. .85 - .90
Cape, cs. .....lb. .20 - .22
Curacao, cs. .....lb. .35 - .37
gourds, bbls.....lb. .50 - .55
Socotrine, kgs.....lb. .45 - .50
Aloin, 140-lb. bbls. .....lb. 2.40 - —
100-lb. kegs.....lb. 2.42 - —
25-lb. fib. dms.....lb. 2.49 - —
Alphanaphthol, bbls.....lb. .32 - —
Alphanaphthylamine, bbls.....lb. .32 - —
Althea root, cube cut, bls.....lb. .30 - .32
Alum, ammonia, burnt, USP, bbls. kgs..lb. .16 - .18
gran., bbls., works....100 lbs. 3.15 - 3.40
dlvd. N.Y., Phila..100 lbs. 3.15 - —
lump, bbls., works....100 lbs. 3.40 - 3.65
dlvd. N.Y., Phila..100 lbs. 3.40 - —
powd., bbls., works....100 lbs. 3.55 - 3.80
dlvd. N.Y., Phila..100 lbs. 3.55 - —
Ammonia alum prices are for contract and open market; f.o.b. Phila.; frt. equalized with Marcus Hook, Boston, Atlanta, or

Alum—Antipyrene

Alum, ammonia (Continued):—
Joliet; rail or water rates, whichever is lower. L.c.l. quantities must carry l.c.l. rate applying; for truck or ex warehouse deliveries all metrop. zones (except N.Y.) add l.c.l. rail or water rate, whichever is lower, from shipping or equalization point; dlvd. N.Y. prices apply to truck or ex warehouse.

Potash, gran., bbls., works..	100 lbs.	3.40 -	3.65
dlvd. N.Y., Phila..	100 lbs.	3.40 -	—
lump, bbls., works....	100 lbs.	3.65 -	3.90
dlvd. N.Y. Phila..	100 lbs.	3.65 -	—
powd., bbls., works....	100 lbs.	3.80 -	4.05
dlvd. N.Y., Phila..	100 lbs.	3.80 -	—
Potash alum prices on same basis as those for ammonia alum.			
Potash-chrome, bbls.....	lb.	.06¼-	.06½
Soda, bbls., c.l., works..	100 lbs.	3.25 -	—
l.c.l., dlvd.....	100 lbs.	4.25 -	5.00
Alumina acetate, 20% normal solut., bbls., c.l., dlvd..	lb.	.07½-	—
l.c.l., dlvd.....	lb.	.09 -	—
22%, basic solut., bbls., c.l., dlvd..	lb.	.10 -	—
l.c.l., dlvd.....	lb.	.12 -	—
basic powd., bbls., dlvd.....	lb.	.40 -	—
smaller containers, dlvd.	lb.	.50 -	—
Formate, 30% solut., bbls., c.l., dlvd..	lb.	.13 -	—
l.c.l., dlvd.....	lb.	.15 -	—
Chloride, anhyd., com'l, dms. (extra), 45,000 lbs. and over, works..	lb.	.05 -	—
12,000 to 40,000 lbs., works..	lb.	.06 -	—
1,100 to 11,000 lbs., works..	lb.	.07 -	—
140 to 875 lbs., works.	lb.	.08 -	—
100 lbs., or less, works.	lb.	.09 -	—
cryst., com'l, dms., c.l., works,	lb.	.06 -	—
l.c.l., dms., works.....	lb.	.06½-	—
solution, 32 deg., cbys., c.l., works..	lb.	.02¾-	—
l.c.l., cbys., works.....	lb.	.03¼-	—
Hydrate, heavy, bbls., c.l., works..	lb.	.0290-	—
l.c.l., bbls.....	lb.	.03½-	—
bgs., c.l.....	lb.	.0260-	—
light, bbls., dlvd.....	lb.	.12 -	—
Oleate, dms., contr.....	lb.	.16¾-	—
open order.....	lb.	.17½-	.18½
Palmitate, precip., bbls.....	lb.	.23 -	—
Resinate, precip., dms., dlvd.	lb.	.15 -	—
Stearate, precip., bbls., ctns., c.l..	lb.	.19 -	—
l.c.l., ton.....	lb.	.20 -	—
less than ton.....	lb.	.21 -	—
Sulphate, com'l, bgs., c.l. works, frt. equaled.	100 lbs.	1.15 -	—
l.c.l., works, frt. equald..	100 lbs.	1.40 -	—
bbls., c.l., works, frt. equald.	100 lbs.	1.35 -	—
l.c.l., works, frt. equald.	100 lbs.	1.60 -	—
iron-free, bgs., c.l., works...	100 lbs.	1.30 -	—
l.c.l., works....	100 lbs.	1.55 -	—
bbls., c.l., works....	100 lbs.	1.50 -	—
l.c.l., works.....	100 lbs.	1.75 -	—
Aluminum, 98-99%, c. l.....	lb.	.20 -	—
l.c.l.	lb.	.21 -	—
paste, lining, extra fine, dms.,	1,500 lbs.. lb.	.65 -	—
ink, dms.,	1,500 lbs.... lb.	.75 -	—
standard, dms.,	1,500 lbs.. lb.	.43 -	—
extra fine, dms.,	1,500 lbs. lb.	.92 -	—
standard, dms.,	1,500 lbs. lb.	.57 -	—
litho, extra brilliant, dms.,	1,500 lbs.. lb.	.43 -	—
extra fine, dms.,	1,500 lbs. lb.	.47 -	—
lining, dms.,	1,500 lbs.... lb.	.57 -	—
standard, dms.,	1500 lbs.. lb.	.42 -	—
rubber compound, dms.,	1,500 lbs.. lb.	.40 -	—
unpolished, dms.,	1,500 lbs. lb.	.37 -	—
varnish, extra brilliant, dms.,	1,500 lbs.. lb.	.43 -	—
extra fine, dms.,	1,500 lbs. lb.	.47 -	—
standard, dms.,	1,500 lbs. lb.	.42 -	—

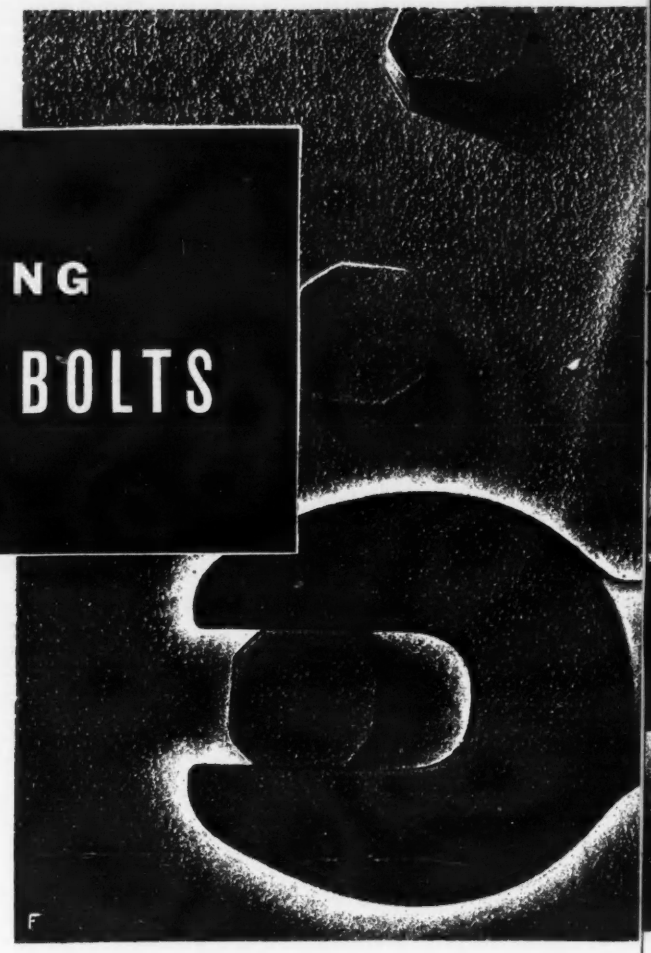
Aluminum paste and powder prices for lots smaller than 1,500 lbs. are 10c. per lb. higher for less than 200 lbs.; 5c. per lb. higher for 200-400 lbs.; 2c. per lb. higher for 400,-1,000 lbs.; and 1c. per lb. higher for 1,000-1,500 lbs.; for partial shipments on contracts, prices are 3c. per lb. higher on lots of less than 200 lbs.; 1c. per lb. higher for 200-400 lbs.; and ½c. per lb. higher for 400-1,500 lbs.; for containers smaller than drums, prices are 1c. per lb. higher for 100 lbs.; 1½c. per lb. for 50 lbs.; 3c. per lb. for 10 lbs.; 5c. per lb. for 2 lbs.; 8c. per lb. for 1 lb.; and 12c. per lb. for ½ lbs.; on single shipments of 5,000 lbs. prices are 1c. per lb. lower; for 30,000 lbs. prices are 2c. per lb. lower. Transportation allowed East of Mississippi.

Ambergris, gray, tins.....	oz.	17.00 -	36.00
Aminopyrine, fib., dms., 100 lbs.	lb.	4.00 -	—
bots., 5 lbs.	lb.	4.22 -	4.25
Ammonia, acetate, bbls., kgs.,	dlvd.. lb.	.27 -	.33
dms., dlvd.....	lb.	.23 -	.26
Aldehyde, dms.	lb.	.65 -	.70
Anhydrous, fertilizer, com'l, tanks (50,000 lbs.),	works.. lb.	.04½-	—
refrigeration, tanks, works..	lb.	.05 -	—
pure, cyls., dlvd., met. N.Y.,	lb.	.16 -	.22
Anhydrous ammonia in cylinders is quoted on a nationwide schedule of delivered and stock point prices in all States.			
Aqua, 26°, cbys.....	lb.	.05¼-	—
dms., c.l.....	lb.	.02¼-	—
l.c.l.	lb.	.02½-	—
tanks (on NH_3 content), dlvd.,	E..lb.	.05 -	.05¼
Benzoate, dms., 4,000 lbs. or more..	lb.	.41 -	.43
1,000 lbs. to 3,900 lbs....	lb.	.42 -	.43
900 lbs. or less.....	lb.	.45 -	.46
Benzoate, kgs., 4,000 lbs. or more..	lb.	.40 -	—
1,000 lbs., to 3,900 lbs...	lb.	.41 -	—
900 lbs. or less.....	lb.	.44 -	—
Bicarbonate, bbls., c.l., works.	100 lbs.	5.15 -	—
l.c.l., dlvd. N. Y....	100 lbs.	5.71 -	—
Bichromate, bbls.....	lb.	.32 -	—
Bifluoride, bbls.....	lb.	.14½-	.16¼
Borate, bbls., kgs.....	lb.	.15 -	.16
Bromide, gran., bbls.....	lb.	.35 -	—
bxs.	lb.	.38 -	.39
kgs.	lb.	.36 -	—
Carbonate, tech., dom., bbls.	lb.	.08 -	.12½
imported, csks.	lb.	.08 -	.12½
USP, lump, dms.....	lb.	.08 -	.17
powd., bbls., dms.....	lb.	.09 -	.25
Chloride, tech. (see Ammoniac,	sal).		
USP, gran., 225 lb. bbls....	lb.	.12 -	.13
100 lb. kgs.	lb.	.15 -	—
Citrate, dms.	lb.	.80 -	—
cns.	lb.	.85 -	—
Fluoride, bbls.	lb.	.17 -	.19
Hydroxide, (see Ammonia, aqua),			
Hypophosphite, fib., dms..	lb.	1.10 -	1.17
jars	lb.	1.20 -	—
Iodide, 5-lb. bots.....	lb.	3.32 -	—
jars	lb.	3.25 -	—
Laurate, bbls.	lb.	.23 -	—
Linoleate, 8%, anhyd., bbls.	lb.	.12 -	.15
Molybdate, kgs., wks.....	lb.	1.05 -	1.30
Naphthenate, bbls.	lb.	.17 -	—
Nitrate, tech., bags., c.l., works...	100 lbs.	3.60 -	—
l.c.l., works.....	100 lbs.	3.85 -	—
bbls., c.l., works.....	100 lbs.	3.80 -	—
l.c.l., works.....	100 lbs.	4.05 -	—
Oleate, dms.....	lb.	.14 -	.15
Oxalate, neutral, cryst., powd., bbls., kgs..	lb.	.19 -	.20
Perchlorate, kegs.....	lb.	.16 -	—
Persulphate, kgs.....	lb.	.21 -	.22
Phosphate, dibasic, N.F.V., bls.,	lb.	.37 -	—
kgs.	lb.	.39 -	—
tech., bbls., c.l.	lb.	.07½-	—
l.c.l.	lb.	.09 -	.10
monobasic, crude (fert. grade), 11% N 18% phos. acid, f.o.b. E. works..	unit-ton.	1.20 &	.70
pure, bbls.	lb.	.40 -	.45
tech., bbls., c.l.	lb.	.07½-	—
l.c.l.	lb.	.09 -	.10
Ricinoleate, bbls.	lb.	.15 -	—
Salicylate, U.S.P., kgs.....	lb.	1.15 -	1.30
Stearate, anhydrous.....	lb.	.22 -	—
paste	lb.	.07 -	—
Sulphate, dom., bulk, c.l., f.o.b. July shipment..	ton.	26.50 -	—
August shipment...	ton.	26.75 -	—
September shipt....	ton.	27.00 -	—
October shipt.....	ton.	27.25 -	—
November shipt....	ton.	27.50 -	—
December shipt.....	ton.	27.75 -	—
Jan.-June, 1939 shipt..	ton.	28.00 -	—

Ammonia sulphate prices are f.o.b. cars nearest Atlantic or Gulf port, and/or $1 per ton less than above prices f.o.b. cars nearest inland producing oven, whichever is lower to destination.

Sulphide, liquid, 35-40%, basis 100%, dms,, works..	lb.	.12 -	.13
tanks, delvd.	lb.	.11 -	—
Sulphocyanide, com'l, fib., dms., 2,000 lbs., works.....	lb.	.14 -	—
smaller lots, works.....	lb.	.16 -	—
pure, 99-100%, kgs.	lb.	.55 -	—
Ammoniac, gum (see Gum, ammoniac).			
Sal, gray, dom,, bbls., c.l., works	100 lbs.	5.50 -	5.75
l.c.l.	100 lbs.	6.00 -	6.70
Sal, white, gran., dom., bbls., contracts, N. Y., l.c.l.	100 lbs.	4.90 -	5.05
Import, csks.....	100 lbs.	5.00 -	5.05
Amyl acetate, ex fusel oil, dms., c.l., works..	lb.	.11 -	—
l.c.l., frt., alld.....	lb.	.11¼-	—
tanks, works.....	lb.	.10 -	—
ex pentane, dms., frt. alld.	lb.	.125 -	—
l.c.l., frt., alld.....	lb.	.135 -	—
tanks, frt., alld.....	lb.	.116 -	—
secondary, dms., c.l., frt. pd., E. of Rocky Mts..	lb.	.09½-	—
l.c.l., same terms.....	lb.	.10 -	—
tanks, same terms.....	lb.	.08½-	—
Alcohol (see Alcohol amyl).			
Butyrate, dms., 50 gal., returnable..	lb.	.75 -	—
Caproate, cns.....	lb.	2.75 -	—
Chloride, normal, dms., works,	lb.	.56 -	—
small lots, works.....	lb.	.68 -	—

Amyl chloride, mixed, tech., dms., c. l., works.. lb. .07 - —
l.c.l., works..... lb. .07 - —
tanks, works..... lb. .06 - —
Cinnamic aldehyde, cns..... lb. 2.00 - 2.25
Nitrite, bots..... lb. 1.80 - 1.86
Mercaptan, dms., l.c.l., works. lb. 1.10 - —
Oleate, dms., l.c.l., works... lb. .25 - —
Salicylate, bots., 5 lbs..... lb. .61 - —
cns., 25 lbs..... lb. .51 - —
Stearate, dms., l.c.l., works.. lb. .26 - —
Amylene, dms., c.l., works.... lb. .102 - —
l.c.l., works..... lb. .11 - —
tanks, works..... lb. .09 - —
Anethol, bots. ..... lb. 1.00 - 1.05
Angelica root, dom., bls..... lb. .16 - .22
import, natural, bls..... lb. .20 - .22
twisted, bls..... lb. .30 - .40
Angostura bark, bls..... lb. .30 - .31
Anilin oil, dms..... lb. .15 - .16
tanks ..... lb. .14½- —
Salt, dms., works..... lb. .22 - .24
Anise, Spanish, bgs..... lb. .15 - .15½
Star, bgs. ..... lb. .12¾- .13¼
Anisic aldehyde, bots..... lb. 3.00 - 3.10
Annatto paste, bxs..... lb. .34 - .39
seed, bgs ..... lb. .07½- .08
Anthraquinone, 99.5%, subl., bbls., lb. .65 - —
Antimony butter (see Antimony chloride)
Chloride, solut., cbys..... lb. .17 - —
Metal, spot ..... lb. .11¾- —
Needle, powd., bbls..... lb. .12½- .14
Oxide, bbls., c.l..... lb. .11¼- —
l.c. ..... lb. .12¾- —
Salts, 65%, kgs..... lb. .26 - .27
White, pigment, bgs., c.l., Texas works, frt. alld to ½c.. lb. .11¼- .14¼
Antipyrene, bbls., kgs., ton lots, lb. 2.00 - —
smaller lots..... lb. 2.10 - 2.15



"HOW can we pare these costs?" "How can we improve this product?" Every day, industry poses these two questions . . . seeks to tighten these two important bolts in the modern selling mechanism which are so vital to the profitable operation of the industrial machine.

Many a tightening step has been suggested by chemical research. "We can pare these costs," says research, "by diverting this waste into that useful channel." Or, "We can make this a better product by adopting a process newly discovered in another field." The fruits of intelligent research are increasingly worthwhile for chemical users; and here at Cyanamid we offer them as an integral part of any and all of our wares . . . a few of which are listed, with information on some of their properties and uses.

SYNTHETIC RESINS—For Inks and Ove Coatings: *TEGLAC—extra hard m alkyd resins characterized by exce ally pale color and resistance to disc tion; †PHENAC—modified phenol which impart drying speed and wat sistance to an unusual degree; *RE alkyd type resins in comprehensive v ranging from solid to semi-liquid †BEETLE—thermo-setting urea for hyde resins supplied as concentrate tions in organic solvents; ‡AERO E ESTER GUM—a wide variety of gra meet ordinary and extraordinary re ments.

KETONONE E—ethyl ortho benzoyl be —is a new plasticizing agent that i ing wide use in lacquers because of i usually mild odor. It is a crystalline at room temperature, having a m point of 53° C., and therefore impa a lacquer film the characteristics of a and plasticizer—notably hardnes water resistance.

Apomorphine, bots.....oz. 23.20 -23.70
Archil extract, con., bbls.....lb. .21 - .27
double, bbls.....lb. .18 - .20
triple, bbls.....lb. .19 - .20
Areca nuts, powd., bbls.....lb. .11 - .12
Arecoline hydrobromide, bots..oz. 4.35 - 4.50
Argols, test 70% to 85%, basis 100%, 100 kgm., purity, 100 kilos. 32.00 -34.00
Arnica flowers, bls.....lb. .28 - .30
Root, bls.....lb. .38 - .40
Arrowroot, St. Vincent, powd., bgs..lb. .08 - .08½
bbls.....lb. .08½- .09
Arsenic iodide (arsenous), 5 lb. bots..lb. 5.15 - —
jars.....lb. 5.00 - —
Metal, lump, cs.....lb. .40 - .41
Red, import, cs.....lb. .15½- .16½
Trioxide (see Acid, arsenous).
White, powd., kgs., c.l.....lb. .03 - —
l.c.l.....lb. .03½- —
Arsenous chloride, cns.....lb. 4.85 - —
Asafetida, cs.....lb. .25 - .26
powd., bbls., bxs.....lb. .40 - .41
Asbestine (see Talc, N. Y. fibrous).
Asbestos fiber, 5M, bgs., c.l. (20 tons), Canad. mines..ton. 42.50 - —
5R, bgs., c.l. (20 tons), Canad. mines..ton. 40.00 - —
6D, bgs., c.l. (30 tons), Canad. mines..ton. 30.00 - —
7D, bgs., c.l. (30 tons), Canad. mines..ton. 25.00 - —
7F, bgs., c.l. (30 tons), Canad. mines..ton. 23.00 - —
7H, bgs., c.l. (30 tons), Canad. mines..ton. 19.00 - —
7K, bgs., c.l. (30 tons), Canad. mines..ton. 16.50 - —
7M, bgs., c.l. (30 tons), Canad. mines..ton. 14.00 - —
Asphaltum, Barbados, A, bgs., 20 tons, f.o.b. N. Y.....lb. .02½- —
smaller lots, f.o.b. N. Y. lb. .03½- —
AA, bgs., 20 tons, f.o.b. N.Y., lb. .03¼- —
smaller lots, f.o.b. N. Y. lb. .10¼- —
California, dms., c.l., f.o.b. N.Y. ton. 29.00 - —
l.c.l., f.o.b. N. Y.....ton. 36.50 - —
Cuban A, bgs., c.l., f.o.b. N. Y. ton. 60.00 - —
l.c.l., f.o.b. N. Y.....ton. 90.00 - —
B, bgs., c.l., f.o.b. N. Y..ton. 35.00 - —
l.c.l., f.o.b. N. Y.....ton. 55.00 - —
Egyptian, bgs., c.l., f.o.b. N.Y. lb. .12 - —
l.c.l., f.o.b. N.Y.....lb. .15 - —
Gilsonite, brilliant black, bgs., c.l., Western shipt. points, ton. 32.90 - —
seconds, bgs., c.l., Western shipt. points..ton. 25.50 - —
selects, bgs., c.l., Western shipt. points..ton. 30.50 - —
l.c.l., f.o.b., N. J. or N. Y., whse..ton. 51.00 - —
Jet., bgs., c.l., Western shipping points..ton. 30.50 - —
Manjak (see Asphaltum, Barbados)
Mexican, Texas, dms., c.l., refinery..ton. 19.00 - —
l.c.l., refinery.....ton. 21.00 - —
tanks, refinery.....ton. 16.00 - —
Petroleum, cut-back, bbls., l.c.l., E. cst., refinery..gal. .18 - —
dms., c.l., E. cst., refinery, gal. .12 - —
tanks, Calif, refinery...ton. 12.50 -14.00
East Coast, refinery...gal. .06 - .06½
Ill., Ind., refinery.....gal. .06½- —
N. Orleans refinery....gal. .06 - —
Atropine, bots.....oz. 5.25 - 5.80
Sulphate, bots.....oz. 2.85 - 2.95
cns.....oz. 2.80 - —

B

Balm of Gilead buds, bgs.....lb. .33 - .35
Barberry bark, bgs.....lb. .20 - .22
Tree bark, bls.....lb. .09 - .10
Barbital, cs.....lb. 3.25 - 3.30
Barium carbonate, natural, 90%-96%, grd., bgs., c.l., works, ton. 41.00 -43.00
99% thru, 200, mesh bgs., c.l., works..ton. 43.00 -45.00
precip., bgs., c.l., works..ton. 52.50 - —
bbls., works.....ton. 57.50 - —
l.c.l., bgs., works.....ton. 57.50 - —
bbls., works.....ton. 62.50 - —
sulphur-free, bgs., bbls., c.l., works..ton. 57.50 -62.50
Chlorate, kgs.....lb. .16½- .17½
Chloride, C.P., cryst., bbls..lb. .19 - —
dms.....lb. .20 - —
tech., doms., cryst., bgs., c.l., Zone 1, dlvd., New England States, N. Y., N. J., Pa., Md., Va., Ohio, Mich., Ind., Wisc., Ill., Ky. and principal cities on west bank of Miss., north of Ark. line....ton. 77.00 - —
bbls., same basis..ton. 79.00 - —
l.c.l., bgs., same basis. ton. 90.00 - —
bbls., same basis..ton. 92.00 - —
Zone 2, bgs., c.l., dlvd., Tenn., N.-S. Carolina, Ga., Ala., Miss., Fla..ton. 81.00 - —
bbls., same basis..ton. 83.00 - —
l.c.l., bgs., same basis. ton. 94.00 - —
bbls., same basis..ton. 96.00 - —

Barium, chloride, tech., dom., cryst., Zone 3, bgs., c.l., Minn., Ia., Mo., Col., N. Mex., Idaho, Utah, Ariz., ton. 87.00 - —
bbls., same basis..ton. 89.00 - —
l.c.l., bgs., same basis, ton. 100.00 - —
bbls., same basis..ton. 102.00 - —
Zone 4, bgs., c.l., dlvd., Wash., Ore., Calif., Nev..ton. 83.00 - —
bbls., same basis..ton. 85.00 - —
bbls., l.c.l., same basis, ton. 96.00 - —
bbls., same basis..ton. 98.00 - —
Dioxide, dms.....lb. .11 - .15
Fluoride, bbls.....lb. .11½- .12
Fluosilicate, bbls.....lb. .11½- .12
Hydrate (see Hydroxide).
Hydroxide, bbls.....lb. .04¾- .05½
Iodide, bots.....lb. 4.30 - 4.45
Monoxide (see Oxide).
Nitrate, cks.....lb. .07 - .07½
Oxide, dms.....lb. .09 - .11
Peroxide (see Dioxide).
Sulphate, tech. (see Barytes and blanc fixe).
X-ray, bbls.....lb. .09½- .10
kgs.....lb. .12 - —
Barytes, dom., floated, bbls., c.l., St. Louis..ton. 23.65 - —
l.c.l., ex whse., Boston, ton. 36.00 - —
Chicago.....ton. 31.15 - —
Cleveland.....ton. 33.50 - —
New York.....ton. 32.00 - —
paper bgs., c.l., St. Louis, ton. 22.85 - —
l.c.l., ex car, Baltimore, ton. 30.70 - —
Boston.....ton. 31.70 - —
Philadelphia.....ton. 30.50 - —
ex whse., Baltimore..ton. 32.10 - —
Boston.....ton. 35.20 - —
Chicago.....ton. 30.35 - —
Cleveland.....ton. 33.00 - —
Detroit.....ton. 33.00 - —
Kansas City.....ton. 30.93 - —
Los Angeles.....ton. 42.00 - —
New York.....ton. 31.50 - —
Philadelphia.....ton. 31.90 - —
San Francisco.....ton. 42.00 - —
Toronto.....ton. 30.30 - —
southern off color, bulk, mines, ton. 12.00 - —
95,75%, bulk, mines.....ton. 16.00 - —
ore, bulk, mines, long ton. 7.00 - —
German, grd., bbls., c.l., dock, t.a..ton. 25.00 -26.00
l.c.l., ex whse.....ton. 30.00 - —
ungrd., bulk, c.l., ex dock, ton. 13.00 -14.00
Italian, grd., bbls., c.l., ex dock, t.a..ton. 29.50 Nom.
l.c.l., ex whse.....ton. 32.50 - —
Bauxite, bulk, mines.....ton. 7.00 -10.00
Bay leaves (see Laurel leaves)
Bay rum, import, bbls.....gal. .71½ Nom.
Bayberry bark, bgs.....lb. .15 - .16
Belladonna leaves, bls.....lb. .14 - .16
Root, bls.....lb. .11 - .13
Bentonite, 200 mesh, bgs., Wyo. works..ton. 11.00 - —
325 mesh, bgs., Wyo. works, ton. 16.00 - —
Benzaldehyde, tech., cbys., dms., lb. .60 - .70
USP, X, dms., 50 to 100 lbs..lb. .85 - —
5 to 25 lbs.....lb. .90 - .95
Benzene (see benzol).
Benzidin base, bbls.....lb. .70 - —
Benzol, 90%, nitration, pure, dms., works..gal. .21 - —
tankcars, frt. alld. E. of Omaha..gal. .16 - —
W. coast, f.o.b., Minnequa, Colo..gal. .16 - —
Benzoyl chloride, dms.....lb. .40 - .47
Peroxide, pure, gran., fib. ctns., works..lb. 1.95 - —
Benzyl acetate, f.f.c., cns.....lb. .49 - —
dms.....lb. .44 - —
Alcohol (see Alcohol, benzyl).
Benzoate, a.m.a., f.f.c., cns..lb. .94 - —
dms.....lb. .89 - —
Chloride, 95-97%, refd., dms., lb. .30 - .40
tech., dms.....lb. .25 - .26
Formate, cns.....lb. 2.75 - 3.00
Benzylidineacetone, bots.....lb. 2.20 @ 3.00
Berberine bisulphate, cns.....lb. 16.75 - —
Hydrochloride, cns.....lb. 16.75 - —
Sulphate, cns.....lb. 16.75 - —
Berberis root, bls.....lb. .15 - .16
Betanaphthol, sublm., bbls.....lb. .55 - —
kgs.....lb. .60 - —
tech., bbls., c.l., works.....lb. .22 - —
l.c.l., bbls., works.....lb. .24 - —
Benzoate, fib, dms.....lb. 2.10 - —
kgs.....lb. 2.00 - —
Betanaphthylamine, tech., kgs.lb. .51 - —
Beth root, bls.....lb. .20 - .22
Bismuth chloride, 5-lb. bots...lb. 3.20 - 3.25
Citrate, USP, VIII, 5-lb. bots., lb. 2.76 - —
jars.....lb. 2.65 - —
Hydroxide, 5-lb. bots.....lb. 3.27 - —
cns.....lb. 3.15 - —
Metal, ton lots.....lb. 1.05 - —
Nitrate, cryst., 5-lb. bots...lb. 1.34 - —
cns.....lb. 1.20 - —
Oxychloride, 5-lb. bots.....lb. 3.04 - —
cns., kgs.....lb. 2.95 - —
Subbenzoate, 5-lb. bots.....lb. 3.36 - —
fib, dms.....lb. 1.13 - 1.16
Subcarbonate, bots., cns.....lb. 1.22 - 1.48
fib, dms.....lb. 1.13 - 1.16
X-ray, 5-lb. bots.....lb. 2.43 - —
fib, dms.....lb. 2.36 - —
Subgallate, bots., cns.....lb. 1.42 - 1.68
fib, dms.....lb. 1.33 - 1.36
Subiodide, cns.....lb. 3.91 - —
fib, dms.....lb. 3.88 - —
Subnitrate, powd., bots., cns. lb. 1.12 - 1.38
fib, dms.....lb. 1.08 - 1.08
Subsalicylate, 62-66%, bxs..lb. 2.44 - —
bbls., fib, dms.....lb. 2.38
Sulphocarbolate, 5-lb. bots....lb. 3.61 - —
fib, dms.....lb. 3.53
Trioxide, powd., 5-lb. bots...lb. 3.56 - —
cns.....lb. 3.45 - —
Bismuth-ammonia citrate, USP, powd., 5-lb. bots..lb. 3.40 - —
cns.....lb. 3.30 - —
Bismuth-betanaphthol, 5-lb. bots., lb. 3.14 - —
fib, dms.....lb. 3.05 - —
Black, acetylene, c.l., works, duty paid..lb. .14 - —
Bone, 1A, bbls., bgs., c.l., frt. alld. E..lb. .16 - —
l.c.l., frt. alld. E.....lb. .16½- —
1, bbls., bgs., c.l., frt. alld. E..lb. .12 - —
l.c.l., frt. alld. E.....lb. .12½- —
2, bbls., bgs., c.l., frt. alld E..lb. .10¼- —
l.c.l., frt. alld. E.....lb. .11 - —
3, bbls., bgs., c.l., frt. alld. E..lb. .09½- —
l.c.l., frt. alld. E.....lb. .10 - —
4, bbls., c.l., frt. alld. E..lb. .08½- —
l.c.l., frt. alld. E.....lb. .09 - —
5, bbls., bgs., c.l., frt. alld. E..lb. .07½- —
l.c.l., frt. alld. E.....lb. .08 - —

mproved sulphonated tallow softening
t is Cyanamid's **CREAM SOFTENER** for
finishing of textiles. It is excellent
very type or grade of cotton cloth,
ther dyed, printed or bleached. Pro-
s a white emulsion speedily in water,
s white indefinitely and will not yellow.

ROCASE is the modern two-component
-hardening compound made by the
eers in activated baths. It assures the
t accurate control over uniformity of
iness and depth of case. Cyanamid en-
ers will prescribe the operating condi-
tions best suited for its use in your plant—
to achieve better metallurgy at lower cost.

SULPHATE OF ALUMINA—Commercial 17%
and Iron Free Sulphate of Aluminum, made
by Cyanamid, is of an exceptionally high
quality because of the rigid system of con-
trol used in its production. One of its most
important ingredients, Bauxite, is mined
from Cyanamid's own mines in Georgia,
Arkansas and South America; the most
careful precautions are taken throughout
the manufacturing process. This is why it
is being used more and more extensively
by paper mills for sizing; by tanners; in
the manufacture of printing inks, dry and
lake colors and soap, and in municipal
water filtration.

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Watch this column monthly for the announcement of other interesting Cyanamid developments. Technical information on these and other Cyanamid products is available on request.

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‡Registered U. S. Patent Office.

American Cyanamid & Chemical Corporation

30 ROCKEFELLER PLAZA • NEW YORK, N. Y.

Black—Chloroacetophenone

Black, bone, 6, bbls., c.l., frt. alld. E..lb. .05½- —
l.c.l., frt. alld. E.....lb. .06 - —
7, bbls., bgs., c.l., frt. alld. E..lb. .09 - —
l.c.l., frt. alld. E.....lb. .09¼- —
8, bbls., bgs., c.l., frt. alld. E..lb. .10 - —
l.c.l., frt. alld. E.....lb. .10½- —
Bone black prices on Pacific Coast are 1c. per lb. higher, ex dock or ex whse.
Carbon, special, 1, bgs., c.l., dlvd..lb. .03¾- .04¾
bgs., ctns., l.c.l., dlvd..lb. .06¾- —
cs., l.c.l., dlvd.....lb. .07¾- —
2, bgs., c.l., works.....lb. .08½- —
l.c.l., dlvd.....lb. .10½- —
cs., l.c.l., dlvd.....lb. .12 - —
3, bgs., c.l., works.....lb. .13 - —
l.c.l., dlvd.....lb. .14½- —
cs., l.c.l., dlvd.....lb. .16½- —
4 bgs., c.l., works.....lb. .27½- —
cs., c.l., works.....lb. .29 - —
l.c.l., dlvd.....lb. .32 - —
5, bgs., cs., c.l., works..lb. .40 - —
cs., l.c.l., dlvd.....lb. .44 - —
6, cs., l.c.l., dlvd.....lb. .60 - —
7, cs., l.c.l., dlvd.....lb. 1.10 - —
standard, bgs., c.l., dlvd., rail zone A (Gulf ports), for delivery in Nor. Amer. (water freights extra)..lb. .02¾- —
B (Ark., Col., Kan., part of Mo., N. M., Tex., except coastal ports)..lb. .0310- —
50,000 lbs., dlvd., Zone C (Pac. Cst. States).lb. .0319- —
30,000 lbs., dlvd., Zone C, Pac. Cst. States.lb. .0335- —
D (Ill., Ia., Wis.)..lb. .03¼- —
E (Fla., Ga., Ind., Ky., Mich., part of N. Y., Ohio, part of Pa., Tenn., W. Va.)...lb. .0341- —
F (Me., Md., Mass., N. H., N. J., part of N. Y., N. C., part of Pa., R. I., S. C., Vt., Va.)..lb. .03¾- —
G (Mexico) f.o.b. border, lb. .03 - —
f.o.b. N. Orleans, lb. .029 - —
l.c.l., f.o.b. whse.....lb. .05¾- —
bgs. or ctns. (sellers option) l.c.l., dlvd..lb. .06¼- —
bulk, tanks, same price as bags in each zone.
cs., l.c.l., dlvd.....lb. .07 - —
export, full, compressed, cs., f.a.s., Gulf ports..lb. .04¾ Nom.
uncompressed, cs., f.a.s. Gulf ports..lb. .05¼ Nom.
Charcoal (see C).
Graphite (see G).
Iron oxide, magnetic, 1, bbls., l.c.l., works..lb. .07¾- .08½
2, bbls., l.c.l., works....lb. .07 - —
pure, bbls., works.....lb. .08¾- —
Ivory, genuine, bbls.....lb. .30 - .35
Lamp, dom., 1, ctns., c.l., works..lb. .07 - —
l.c.l., works.....lb. .08 - —
2, ctns., c.l., works.....lb. .09 - —
l.c.l., works.....lb. .10 - —
2A, ctns., c.l., works....lb. .11 - —
l.c.l., works.....lb. .12 - —
3, ctns., c.l., works.....lb. .13 - —
l.c.l., works.....lb. .14 - —
4, ctns., c.l., works.....lb. .14 - —
l.c.l., works.....lb. .15 - —
5, ctns., c.l., works.....lb. .17 - —
l.c.l., works.....lb. .18 - —
6, ctns., c.l., works.....lb. .24 - —
l.c.l., works.....lb. .25 - —
7, ctns., c.l., works.....lb. .34 - —
l.c.l., works.....lb. .65 - —
Import, 1, bbls., c.l., f.o.b. N. Y..lb. .08 - —
l.c.l., f.o.b., N. Y.....lb. .09 - —
2, bbls., c.l., f.o.b. N. Y..lb. .11 - —
l.c.l., f.o.b. N. Y.....lb. .12 - —
3, bbls, c.l., f.o.b. N. Y..lb. .13 - —
l.c.l., f.o.b., N. Y.....lb. .14 - —
4, bbls., c.l., f.o.b. N. Y..lb. .14 - —
5, bbls., c.l., f.o.b. N. Y..lb. .19 - —
l.c.l., f.o.b. N. Y.....lb. .20 - —
6, bbls., c.l., f.o.b. N.Y...lb. .24 - —
l.c.l., f.o.b. N. Y.....lb. .25 - —
Vine, A, bbls., works or N. Y., lb. .04¼- —
B, bbls., works or N. Y....lb. .05½- —
Black dyes are listed under dyes.
Black haw, root bark, bls....lb. .25 - .26
Tree bark bls.....lb. .15 - .16
Black Indian hemp root, bls...lb. .16 - .18
Blanc fixe, dry, by-product, bgs., c.l..ton.55.00 - —
l.c.l. .....ton.60.00 - —
high grade precip., bgs., c.l., works, frt. equal.ton.70.00 - —
l.c.l., same basis....ton.75.00 - —
pulp, 66⅔%, bulk, c.l., works. ton.40.00 -42.50
Bleaching powder, dms., c.l., works..100 lbs. 2.00 - 2.85
l.c.l., works.....100 lbs. 2.25 - 3.35
Blood, dried, dom., 16-16½ ammon., bgs., f.o.b. N. Y., unit-ton. 2.75 - 2.85
high-grade, grd., 16-17 ammon., bulk, f.o.b. Chi., unit-ton. 2.75 - 3.00
import, bgs., c.i.f. ports, shipt., unit-ton. 3.20 - —
soluble (see Albumen, blood)
Bloodroot, bls.....lb. .14 - .15
Blue, alkali, toner, bbls., dlvd. N. of Tenn. and N. C. E. of Miss. river, including St. Paul, Minneapolis, Davenport, Rock Island, St. Louis. lb. .90 - —
Alkali blue toner prices are ½c. higher dlvd Ala., Fla., Ga., La. (Shreveport, 1¼c.), Miss., N. C., S. C., Tenn., Tex. (Dallas Ft. Worth, 1¼c.; El Paso, 2c.). Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph: ½c. higher dlvd. Pac. Coast; for Denver, Pueblo, Salt Lake City, Wichita, prices are equalized with Chicago.
Bronze, bbls., same basis, alkali toner, contracts..lb. .36 - —
open order.....lb. .37 - —
Celestial, bbls.....lb. .10 - .12
Chinese, bbls., same basis, alkali toner, contracts..lb. .36 - —
open order.....lb. .37 - —
Cobalt, genuine, 1-kilo pkg. lb. 4.90 - —
Imitation (see Blue, ultramarine, group 6).
Copper, phthalocyanin, bbls., f.o.b. works, frt. alld..lb. 3.30 - 3.75
Milori, bbls., same basis alkali toner, contracts..lb. .36 - —
open order.....lb. .37 - —
Potash, dom., bbls., same basis alkali toner, contracts.lb. .45 - —
open order.....lb. .46 - —
Prussian, bbls., same basis alkali toner, contracts.lb. .36 - —
open order.....lb. .37 - —
Soluble, bbls., same basis alkali toner, contracts. lb. .36 - —
open order.....lb. .37 - —
Blue, Tungstated, peacock, kegs. lb. 4.00 - —
Victoria, kgs.....lb. 3.25 - —
Ultramarine, dry, jobbing, bbls., works, frt. equaled..lb. .11 - —
regular 1, bbls., works, frt. equaled..lb. .16 - —
2, bbls., same basis....lb. .18 - —
3, bbls., same basis....lb. .19 - —
4, bbls., same basis....lb. .20 - —
5, bbls., same basis....lb. .23 - —
6, cobalt, A, same basis.lb. .27 - —
B, bbls., same basis.lb. .24 - —
C, bbls., same basis.lb. .23 - —
D, bbls., same basis.lb. .22 - —
7, A, bbls., same basis..lb. .23 - —
B, bbls., same basis..lb. .22 - —
special, 1, bbls., same basis, lb. .19 - —
2, bbls., same basis....lb. .20 - —
3, bbls., same basis....lb. .22 - —
4, bbls., same basis....lb. .23 - —
5, bbls., same basis....lb. .25 - —
6, bbls., same basis....lb. .27 - —
pulp, 1, bbls., same basis..lb. .27 - —
2, bbls., same basis.....lb. .25 - —
3, bbls., same basis.....lb. .23 - —
4, bbls., same basis.....lb. .20 - —
Ultramarine, blue, dlvd., ex whse., is 1c. higher; Pac. Coast ex whse., 2c. higher; 100-lb. kgs., 1c. above bbls.; 28-lb. boxes 5c. above bbls.
Victoria, ink toner, bbls., same basis alkali toner..lb. 1.85 - —
Blue dyes are listed under Dyes.
Blueflag root, bls.....lb. .15 - .16
Blue mass, USP., cns., kgs...lb. 1.00 - 1.02
Blue vitriol, 99%, cryst., bbls., c.l., f.o.b. works..100 lbs. 4.00 - —
16-50 bbls., same basis, 100 lbs. 4.15 - —
6-15 bbls., same basis, 100 lbs. 4.25 - —
1-5 bbls., same basis, 100 lbs. 4.50 - —
monohydrated, dms., c.l. dealer, f.o.b. works...100 lbs. 8.30 - 8.55
l.c.l., dealers....100 lbs. 9.30 - 9.55
Bluestone (see Blue vitriol).
Bone, raw, dom., 4½% ammon., 50% phos., bgs., f.o.b. Chicago..ton.26.00 -27.00
c.i.f. Atlantic ports....ton.26.00 - —
import, bgs., c.i.f., ports.ton.25.00 - —
meal, steamed, dom., 3% ammon. 50% phos., bgs., f.o.b. Chicago..ton.20.00 -23.00
import, 100-lb. bgs., c.i.f. ports, shipt..ton.20.50 - —
phosphate, precip. (see Calcium phosphate dibasic, precip.).
steamed, dom., 1½% ammon. 60% phos., bgs., f.o.b. Chicago..ton.18.00 -20.00
import, 1% ammon., 65-70% phos., bgs., c.i.f. ports..ton.20.00 - —
Borage flowers, bls.....lb. .20 - .21
Borax, tech., 99¼%, cryst., bbls., contracts, 80 tons min., dlvd..tons.58.00 - —
l.c.l., ex whse.....ton.67.00 -72.00
sks., contracts, 80 tons min., dlvd..tons.48.00 - —
l.c.l., ex whse.....ton.57.00 -62.00
gran., bbls., contracts, 80 tons min. dlvd..ton.53.00 - —
l.c.l., ex whse.....ton.64.00 -69.00
sks., contracts, 80 tons min., dlvd..ton.43.00 - —
l.c.l., ex whse.....ton.54.00 -59.00
powd., bbls., contracts, 80 tons min., dlvd..ton.58.00 - —
l.c.l., ex whse.....ton.69.00 -74.00
sks., contracts, 80 tons min. dlvd..ton.48.00 - —
l.c.l., ex whse.....ton.59.00 -64.00
USP, $15 per ton higher.
Bordeaux mixture, dms., c.l., dealers..lb. .11 - —
l.c.l., dealers, dms..lb. .11¼- —
Bordeaux mixture prices are works or whse. basis, frt. alld. to dest. in lots 96 lbs., and over; no trucking or freight allowances for works or warehouse pick-ups.
Borneol, bots.....lb. 1.75 - 2.00
cns.....lb. 1.50 - —
Brazilwood extract (see Hypernic), Brimstone (see Sulphur).
Bromine, purif., cs., 1,000 lbs., frt. alld. E. of Rockies..lb. .30 - —
single pkg., same basis.lb. .35 - —
Bromoform, USP, bots.....lb. 1.40 - 1.60
Bromstyrol, bots.....lb. 3.25 - 4.50
Bronze powder, aluminum (see A).
Gold, litho, cns., dms., over 10 lbs..lb. .45 - .65
moulding, cns., dms., over 10 lbs..lb. .65 - .90
printing ink, cns., dms., over 10 lbs..lb. .70 - 1.10
radiator, cns., dms., over 10 lbs..lb. .45 - .50
Broomtop, bls.....lb. .11 - .13
Brown, iron oxide, pure precip., cks., f.o.b. N.Y., or works..lb. .10 - —
Metallic, bbls., works.....lb. .02¼- —
paper bags, c.l., works.....lb. .0210- —
Sienna, burnt, American, bbls., works..lb. .03 - —
Italian, 1, bbls., f.o.b. N. Y. or Pa. points..lb. .12¼- —
2, bbls., same basis....lb. .11¼- —
3, bbls., same basis....lb. .10¼- —
4, bbls., same basis....lb. .08¾- —
5, bbls., same basis....lb. .08⅜- —
6, bbls., same basis....lb. .08¼- —
7, bbls., same basis....lb. .08 - —
8, bbls., same basis....lb. .07¾- —
9, bbls., same basis....lb. .07¼- —
10, bbls., same basis....lb. .06⅞- —
11, bbls., same basis....lb. .06¾- —
12, bbls., same basis....lb. .06¼- —
13, bbls., same basis....lb. .06 - —
14, bbls., same basis....lb. .05½- —
raw, American, bbls., works, lb. .02⅞- —
Italian, 1, bbls., f.ob., N. Y. or works .....lb. .12½- —
2, bbls., same basis....lb. .10⅞- —
3, bbls., same basis....lb. .11 - —
4, bbls., same basis....lb. .09½- —
5, bbls., same basis....lb. .09 - —
6, bbls., same basis....lb. .08½- —
7, bbls., same basis....lb. .07¾- —
8, bbls., same basis....lb. .07¼- —
9, bbls., same basis....lb. .06¾- —
10, bbls., same basis....lb. .06 - —
11, bbls., same basis....lb. .05 - —
Umber, American, bbls., works, lb. .02⅞- —
Turkey, bbls., l.c.l., f.o.b. Bethlehem, Pa., Easton, Pa., N. Y..lb. .04 - —
St. Louis.....lb. .04¾- —
ex car Los Angeles...lb. .04½- —
ex dock, Portland, San Francisco, Seattle..lb. .04¾- —
ex whse, Boston.....lb. .04½- —
Chicago, Indianapolis, New Orleans.....lb. .04¾- —
Kansas City.....lb. .05 - —
Los Angeles, Portland, San Francisco, Seattle, lb. .04⅞- —
Minneapolis .....lb. .0485- —
Pittsburgh .....lb. .04¼- —
Vandyke, bbls., l.c.l.....lb. .05⅝- —
Walnut crystals, bbls.....lb. .05½- .06
Brucine, 100 oz., cns.....oz. .10 - —
Sulphate, 100 oz., cns.....oz. .07 - —
Bryonia root, bls.....lb. .10 - .11
Buchu leaves, bls.....lb. .41 - .43
Buckthorn bark, true, bls.....lb. .05 - .05½
Berries, bgs.....lb. .18 - .19
Burdock root, bls.....lb. .10 - .10½
Burgundy pitch, dom., bbls., c.l., works..lb. .05½- —
l.c.l., dlvd. E.....lb. .06¾- —
import, stands.....lb. .15 - .16
Butanes, coml., 16-34°, tanks, group 3..gal. .03¾- —
Butternut bark, bls.....lb. .07 - .08
Butyl acetate, norm., dms., c.l., contract, frt. alld..lb. .10 - —
l.c.l., contract, frt. alld..lb. .10½- —
tanks, contract, frt. alld..lb. .09 - —
secondary, dms., c.l., frt. pd. E. of Rocky Mts..lb. .08 - —
l.c.l., same terms.....lb. .08½- —
tanks, same terms .....lb. .07 - —
Alcohol (see Alcohol):—
Aldehyde, dms., c.l., works..lb. .15½- —
l.c.l., works.....lb. .16½- .17½
tanks, works.....lb. .14½- —
Carbinol (see Carbinol).
Crotonate, normal, 55 & 110 gal. dms., dlvd..lb. .33 - —
5 & 10 gal. dms., dlvd....lb. .36 - —
Ether (see under Ether).
Lactate, dms.....lb. .22½- —
Propionate, dms., dlvd.....lb. .16½- .17
tanks .....lb. .15½- —
Stearate, dms.....lb. .26 - —
Butyric ether, bots.....gal. 6.60 - 6.95
cns., works .....lb. .65 - .70
dms., frt. alld. Met. N. Y..lb. .60 - —

C

Cadmium bromide, jars, 100 lbs., works, frt. equal'd..lb. 1.66 - —
50 lbs., works.....lb. 1.66 - —
25 lbs., works.....lb. 1.71 - —
bots., 5 lbs., works.....lb. 1.85 - —
Iodide, 5-lb. bots.....lb. 3.96 - —
25-lb. cns.....lb. 3.82 - —
Lithopone (see Yellow)
Metal, cs..... .....lb. 1.20 - —
Red (see Red).
Selenide (see Red).
Sulphide (see Yellow).
Caffeine, 100-lb. dms., 10,000 lbs. or more..lb. 2.20 - —
2,000 lbs., or more.....lb. 2.25 - —
1,000 lbs., or more.....lb. 2.30 - —
100 lbs.....lb. 2.35 - —
25-lb. dms., 10,000 lbs., or more..lb. 2.23 - —
2,000 lbs., or more.....lb. 2.28 - —
1,000 lbs., or more.....lb. 2.33 - —
100 lbs.....lb. 2.43 - —
25 lbs.....lb. 2.55 - —
10-lb. cns., 10,000 lbs. or more. lb. 2.25 - —
2,000 lbs., or more.....lb. 2.30 - —
1,000 lbs., or more.....lb. 2.35 - —
100 lbs.....lb. 2.45 - —
less than 100 lbs.....lb. 2.75 - —
5-lb. cns., 25 lbs., or more..lb. 2.70 - —
less than 25 lbs.....lb. 2.85 - —
Citrated, cns.....lb. 1.80 - 2.10
Hydrobromine, bots.....lb. 4.91 - 4.99
Calabar beans, bgs.....lb. .25 - .26
Calamus root, bleached, cs....lb. .40 - .41
peeled, bls.....lb. .10 - .12
Calcium acetate, bgs., dlvd. 100 lbs. 1.65 - —
Arsenate, bgs., c.l., dealers, E. of Rockies..lb. .06¾- .07¼
W. of Rockies, bgs., dms., lb. .06½- .06¾
Southern cotton states, bgs., lb. .06½- .07
Calcium arsenate prices are works or whse. basis, frt. alld. to dest. in lots of 96 lbs. or over; no frt. or truck allowance for plant or whse. pick-up.
Bromide, 100 lbs., works, frt. equaled..lb. .70 - —
50 lbs., works.....lb. .72 - —
25 lbs., works.....lb. .75 - —
Carbide, dms.....lb. .05 Nom.
Carbonate (see Chalk and Whiting).
Chloride, flake, dom., 77-88%, bgs., dms., c.l., dlvd. ton.22.00 -35.00
l.c.l., 1 ton or over, dlvd. 100 lbs. 1.70 - 2.35
liquor, basis 40%, tanks, works ton. 7.50 - —
solid, dom., 73-75%, bgs., dms., c.l., dlvd..ton.20.00 -33.00
l.c.l., 1 ton or over, dlvd. 100 lbs. 1.60 - 2.25
Gluconate, U.S.P., gran., powd., bbls., 125 lbs..lb. .50 - —
dms. .....lb. .55 - .57
cns. .....lb. .68 - .85
Glycerophosphate, fib., dms., 1,000-lb. lots..lb. 1.00 - —
smaller lots.....lb. 1.15 - —
cns., 25 lbs.....lb. 1.40 - —
Hypophosphite, cns.....lb. .62 - .67
Iodide, bots., jars.....lb. 3.70 - 3.85
Lactate, U.S.P., bbls., 200 lbs. lb. .23 - —
Levulinate, bots., less than 25 lbs., works..lb. 3.00 - —
Nitrate, bgs., to fert. mfrs., ex vessels, Camden, N. J., or f.o.b. cars, So. Atlantic ports ton.28.00 - —
Palmitate, bbls.....lb. .22 .23
Phosphate, dibasic, precip., 38-42% P_2O_5, bgs., c.i.f. Atlantic ports, shipt..unit-ton. .76 - —
tribasic, c.l., bbls., works..lb. .06½- —
l.c.l., bbls..... .....lb. .07½- —
Resinate, precip., bbls., 1 ton.lb. .13 - —
smaller lots.....lb. .14 - —
Stearate, precip., bbls., ctns., c.l..lb. .19 - —
l.c.l., 1 ton.....lb. .20 - —
Sulphate (see Gypsum).
Sulphide, 65-70%, CaS, wks., c.l..ton.64.00 - —
l.c.l. .....ton.68.00 - —
75% CaS (minus 100 mesh), c.l., works..ton.52.00 - —
l.c.l., works.....ton.56.00 - —
83-85 CaS, c.l., works...ton.58.00 - —
l.c.l., works.....ton.64.00 - —
luminous, dom., tins, works, 100 lbs. .85 - —
Sulphocarbolate, bbls., 200 lbs. lb. .48 - —
kgs., 100 lbs.....lb. .50 - —
Calendula flowers, bls.....lb. .35 - .36
Calomel, bbls., fib., dms., kgs., 50 lbs., or more..lb. 1.28 - —
Camphor, natural, powd., cs...lb. .52½- .53
slabs, cs. .....lb. .52½- .53
tablets, tins .....lb. .57 - .57½
synthetic, dom., imp., gran., powd., bbls., 2,000-lb. lots lb. .47 - —
1,000-lb. lots .....lb. .48 - —
500-lb. lots .....lb. .49 - —
100-lb. lots .....lb. .50 - —
Monobromate, bxs., kgs.....lb. 1.75 - 1.80
Canada balsam (see Fir balsam).
Canary seed, Argentine, bgs..lb. .0460- .0490
Morocco, bgs.....lb. .0460- .0490
Turkish, bgs.....lb. .0460- .0490
Canella alba bark, bls.....lb. .30 - .31
Cantharides, Chinese, cs.....lb. .60 - .70
powd., bxs.....lb. .70 - .80
Russian, cs.....lb. 1.05 - 1.10
powd., bxs.....lb. 1.20 - 1.25
Capsicum (see Pepper, red).
Caraway seed, Dutch, bgs....lb. .06¾- .07½
Carbazole, 95%, dms., ton lots, works..lb. .70 - —
smaller quantities, works..lb. .80 - —
98%, dms., ton lots, works..lb. .75 - —
smaller quantities, works..lb. .85 - —
Carbinol, butyl, norm., dms., works..lb. .60 - —
small lots, works.....lb. .75 - —
secondary, dms., works...lb. .60 - —
small lots, works.....lb. .75 - —
Diethyl, dms., works.....lb. .60 - —
small lots, works.....lb. .75 - —
Isobutyl, 128-132°, dms., c.l., works..lb. .33 - —
l.c.l., works.....lb. .34 - —
tanks, works.....lb. .32 - —
Methylpropyl, dms., works..lb. .60 - —
small lots, works.....lb. .75 - —
Dimethylethyl, dms., works..lb. .60 - —
small lots, works.....lb. .75 - —
Carbon bisulphide, 55-gal. dms., c.l., frt. all'd. E. of Miss. R., N. of Ohio R..lb. .05 - —
l.c.l., same basis.....lb. .05¾- —
5-gal. dms., c.l., same basis, lb. .07 - .07½
l.c.l., same basis.....lb. .08 - .08½
tanks, same basis.....lb. .04½- —
Dioxide, cyls.....lb. .06 - .08
Tetrachloride, 55-gal. or 110-gal. dms., c.l. (20 tons), frt. alld. E. of Miss. R., N. of Ohio R..lb. .05¼- —
l.c.l., same basis.....lb. .05¾- —
10-gal. dms., c.l. (20 tons), same basis..lb. .07 - .07½
l.c.l., same basis.....lb .08 - .08½
5-gal. dms., c.l. (20 tons), same basis..lb. .07 - .07½
l.c.l., same basis.....lb. .08 - .08½
tanks, same basis.....lb. .05 - —
Fire extinguisher liquid, 1½c. lb. higher.
Cardamom, bleached, cs.....lb. 1.30 - 1.65
decorticated, cs. .....lb. .80 - .82
green, bgs. .....lb. .52 - .54
Carvol, bots. .....lb. 4.00 - 4.25
Cascara sagrada bark, bulk....lb. .09½- .10
Case-hardening mixture, 30%, lump, dms., l.c.l..lb. .09 - —
Casein, dom., 20-30 mesh, bgs., c.l., dlvd..lb. .08 - —
5 tons, works.....lb. .09½- —
smaller lots, works.....lb. .10½- —
80-100 mesh, bgs., c.l., dlvd., lb. .08½- —
5 tons, works.....lb. .10 - —
smaller lots, works.....lb. .11 - —
import, Argent., 20-30 mesh, bgs., c.l., duty pd..lb. .12½-Nom.
80-100 mesh, bgs., c.l., duty paid..lb. .13 Nom.
French, 30 mesh, bgs., c.l., duty pd..lb. .17 Nom.
Cassia, Batavia, 1, bgs.....lb. .16 - .16½
3, bls. .....lb. .10½- .11
shortstick, bls.....lb. .12¾- .13
China, rolls, select, cs.....lb. .06¾- .07
broken, extra, bls.....lb. .04½- .04¾
Saigon, bls.....lb. .13 - .15½
Cassia buds, cs.....lb. .16 - .16½
Cassia fistula, bskts.....lb. .07 - .09
Castile soap, white, bars,, cs., 40 lbs.11.75 -12.50
powd., bbls. .....lb. .28 - .35
Castoreum, nat., cns.....lb.15.00 -18.00
synth., bots. .....lb.19.00 - —
Castor oil (see Oil, castor).
Pomace, dom., 5% ammon., bgs., c.l., works..ton.18.50 - —
import, bgs., c.i.f., ports, shipment..ton.19.00 Nom.
Catnep leaves, bls. .....lb. .17 - .18
Celery seed, French bgs.....lb. .13¾- .14½
Indian, bgs. .....lb. .11¾- .12¼
Celluloid scrap (see Pyroxylin scrap).
Cellulose acetate, flake, gran., cs., frt. alld..lb. .40 - —
Acetobutyrate, 501 lbs. and over, works..lb. .52 - —
101 lbs., works.....lb. .53 - —
smaller lots, works.....lb. .55 - —
Acetopropionate, 500 lbs. and over, works..lb. .57 - —
100-499 lbs., works.....lb. .58 - —
1-99 lbs., works.....lb. .60 - —
Cerium hydrate, dms., works..lb. .60 - —
Oxalate, USP, bbls., works..lb. .35 - —
kgs., works .....lb. .37 - —
Chalk, precip., extra light, light, heavy, bgs., 50 lbs., c.l., f.o.b., works..lb. .02¾- —
cks., 250 lbs., c.l., f.o.b., works..lb. .03¼- —
Chamomile flowers, Hungarian, genuine, cs..lb. .18 - .20
Roman, bls. .....lb. .27 - .28
Charcoal, softwood, powd., bgs., c.l., dlvd., Ala., Del., Ga., Ky., Md., Miss., N. J., N. Y., N. C., S. C., Tenn., Va., W. Va..ton.30.40 - —
Colo. .....ton.27.00 - —
Conn., Me., Mass., N.H., R. I., Vt. .....ton.30.80 - —
Ill. (except river point), Minn., Neb., Wis.ton.25.00 - —
Indiana .....ton.26.00 - —
Ill. (river points), Ia., Mo., Okla., Tex. (except El Paso)..ton.23.00 - —
Kansas, El Paso, Tex., ton.24.00 - —
Michigan .....ton.27.80 - —
Ohio, Penn. .....ton.29.80 - —
Utah .....ton.34.00 - —
Willow, powd., bbls. .....lb. .06 - .07
Chestnut extract, clarif., 25% tan., bbls., c.l., works.lb. .02125- —
l.c.l., bbls., works.....lb. .0225- —
Chillies (see Pepper, red).
China clay, dom., dry-grd., air-float, 99.75%, 300 mesh, bgs., c.l., works..ton. 9.50 - —
l.c.l., works.....ton.10.00 -16.00
bulk, c.l., works....ton. 7.00 - —
200 mesh, bgs., c.l., works..ton. 8.50 - —
l.c.l., works.....ton. 9.50 -15.50
wet-grd., silk-bolt, 99.9%, 325 mesh, bulk, c.l., works, ton. 9.50 - —
paper bgs., c.l., works, ton.12.50 - —
import, white, lump, bulk, c.l., ex dock Balto, Boston, Norfolk, Phila..ton.22.00 -25.00
powd., csks., l.c.l., ex dock, ton.35.00 - —
ex whse. .....ton.37.50 - —
Chloral hydrate, bots., 1,000 lbs. lb. .83 - .92
500 lbs.....lb. .86 - .95
100 lbs.....lb. .88 - .97
25 lbs.....lb. .90 - .99
1-10 lbs.....lb. .95 - 1.02
dms., 1,000 lbs.....lb. .80 - —
500 lbs.....lb. .83 - —
100 lbs.....lb. .85 - —
Chlorine, liq., cyls., c.l., dlvd., N. Y..lb. .05½- —
contracts, dlvd., N.Y....lb. .05½- —
l.c.l., dlvd., N.Y.....lb. .07½- —
tanks, single unit, works, frt. equald..100 lbs. 2.15 - —
multiple unit, 3 or over, wks., frt. equald. 100 lbs. 2.30 - —
2, works, frt. equaled. 100 lbs. 2.55 - —
1, works, frt. equald..... 100 lbs. 3.00 - —
Chloroacetophenone, tins, works. lb. 3.00 - 3.50

Chloroform, tech., 650-lb. dms..lb. .20 - —
100-lb. dms.....lb. .22 - —
50-lb. dms.....lb. .23 - —
USP, 650-lb. dms.....lb. .30 - —
100-lb. dms.....lb. .32 - —
50-lb. dms.....lb. .33 - —
Chloropicrin, coml, 100-lb. cyls., works..lb. .85 - —
5-lb. cycls., same basis..lb. 1.15 - —
Chrome acetate, powd., 17.5% cr., bbls., works..lb. .13 - —
smaller pkgs., works....lb. .17 - —
solut., 8%, cs., bbls.....lb. .05 - .08
Cake, bulk, c.l., works.....ton.15.00 -16.00
Green (see Green, chrome).
Oxide (see Green, chrome oxide).
Chrome, sulphate, pearls, dms., 100 lbs..lb. .40 - —
powd., dms., 100 lbs.....lb. .45 - —
scales, dms., 100 lbs.....lb. .45 - —
Trioxide (see Acid, chromic).
Yellow (see Yellow, chrome).
Chrysarobin, cns.....lb. 3.25 - 3.30
Cinchona bark, chips, bgs.....lb. .18 - .19
high test, bgs.....lb. .37 - .38
quills, broken, bgs.....lb. .18 - .19
long, cs.....lb. .45 - .50
short, bgs.....lb. .40 - .45
Ecuador, tubes.....lb. .18 - .20
Cinchonidine, crys., small cns., 100 ozs..oz. .83 - —
large, cns.....100 ozs. .87 - —
powd., cns.....100 ozs..oz. .80 - —
Sulphate, N.F., cns.100 ozs..oz. .47 - —
Cinchonine, crys., small, cns., 100 ozs..oz. .54 - —
large, cns.....100 ozs..oz. .58 - —
powd., cns.....100 ozs..oz. .50 - —
Sulphate, N.F., cns.100 ozs..oz. .34 - —
Cinchophen, USP, boxes, 5 lbs., lb. 3.75 - —
bots., 1 lb.....lb. 3.27 - —
dms., 100 lbs.....lb. 3.00 - —
Cinnamic alcohol (see Alcohol cinnamic).
Aldehyde, f.c.c., cbys.....lb. .90 - 1.00
Cinnamon, Ceylon, 2, bls.....lb. .16 - .16½
3, bls.....lb. .16½- .16¾
Citral, bots., cns.....lb. 1.40 - 3.10
Citrine, ointment, jars, tubes..lb. .75 - —
Citronellal, bots., dms.....lb. .75 - .80
Citronellol, bots., dms.....lb. 1.75 - 1.80
Clove, Madagascar, bls.....lb. .12¾- .13
Zanzibar, bls.....lb. .16½@ .16¾
Clover tops, bgs.....lb. .13 - .14
Coaltar, coal-gas, crude, bbls., c.l., works..bbl. 7.50 - 7.75
l.c.l., works.....bbl. 8.25 - 8.50
tanks, works.....gal. .07½- .09
refd., bbls., c.l., works....bbl. 8.00 - 8.25
l.c.l., works.....bbl. 8.75 - 9.00
tanks, works.....gal. .08½- .10
water-gas, crude, bbls., c.l., works..dm. 7.50 - —
l.c.l., works.....dm. 8.25 - —
refd., dms., c.l., works....dm. 8.00 - —
l.c.l., works.....dm. 8.75 - —
Cobalt acetate, bbls., kgs., dlvd., lb. .65 - .67
Carbonate, tech., bbls., dlvd..lb. 1.63 - —
Chloride, dms., works.....lb. 1.03 - 1.18
Hydrate, bbls.....lb. 1.78 - —
Linoleate, paste, 6%, dms....lb. .31 - —
solid, 8½%, bbls.....lb. .33 - —
Oleate, bbls.....lb. .25 Nom.
Oxide, black, kgs.....lb. 1.67 - —
Resinate, fused, A, bbls.....lb. .13½- —
1%, bbls.....lb. .13 - —
2%, bbls.....lb. .14 - —
3½%, bbls.....lb. .17½- —
precip., dms., dlvd.....lb. .34 - —
Sulphate, dms.....lb. .59 - —
Cocaine hydrochloride, 100 ozs., cns..oz. 9.75 - —
Cochineal, gray, bgs.....lb. .35 - .38
Teneriffe, silver, bgs.....lb. .36 - .39
Cocillana bark, bgs.....lb. .16 - .17
Cocoa butter, lump, bgs., c.l..lb. .10½- —
Codeine, cns., 100 ozs.....oz.11.70 - —
Hydrochloride, cns., 100 ozs.oz. 10.50 - —
Phosphate, cns., 100 ozs.....oz. 9.00 - —
Sulphate, cns., 100 ozs.....oz. 9.50 - —
Codliver oil (see Oil, codliver).
Cohosh, black, root, bls.....lb. .08 - .09
Blue, root, bls.....lb. .07 - .07½
Colchicine, bots., 4 ozs.....oz.20.00 - —
single ozs.....oz.21.00 - —
Colchicum seed, bgs.....lb. .25 - .27
Collodion, USP, dms., 325 lbs..lb. .12½- —
cns., 25 lbs.....lb. .16 - —
Flexible, USP, dms., 325 lbs.lb. .14½- —
cns., 25 lbs.....lb. .18 - —
Colocynth pulp, bls.....lb. .26 - .28
Colombo root, bls.....lb. .11 - .12
Coltsfoot leaves, bgs.....lb. .08 - .09
Condurango bark, bgs.....lb. .08 - .09
Conium leaves, bls.....lb. .17 - .18
Copaiba balsam, Para, cns....lb. .24 - .25
S.A., USP, cns.....lb. .26 - .27
Copper acetate, normal, bbls., dlvd..lb. .21 - —
smaller containers, dlvd..lb. .22 - —
Carbonate, 52-54%, bbls.....lb.13.20 -14.20
20%, bbls.....lb. .10½- .11½
Chloride, cryst., bbls.....lb. .12½- .13½
Cyanide, tech., bbls.....lb. .34 - —
Iodide, bots.....lb. 4.97 - 5.02
Metal, electrolytic.....lb. .09½- —
Nitrate, cryst., bbls.....lb. .15½- .17
Oleate, precip., bbls.....lb. .20 - —
Oxide, black, bbls., tons, works, lb. .14½- .14¾
smaller lots, works.....lb. .15½- —
red, com'l, 50-75%, kgs., f.o.b. N. Y...lb. .15¾- —
Resinate, precip., bbls.....lb. .15 - .16
Stearate, precip., bbls.....lb. .23 - .24
Sulphate (see Blue vitriol).
Copperas, cryst., gran., bgs., c.l., works..ton.16.00 - —
bbls., c.l., works.....ton.18.00 - —
l.c.l., 25 or over, works.... 100 lbs. 1.35 - —
5-24, works.....100 lbs. 1.50 - —
1-4, works.....100 lbs. 2.00 - —
bulk, c.l., works.....ton.13.00 - —
Copra, Coast, ship't.....lb. .0190 Nom.
Coriander seed, Morocco, bgs..lb. .04¾- .05
bleached, bgs.....lb. .08 - .08½
Corn sugar, tanners, bbls., c.l., dlvd..100 lbs. 3.15 - —
ex whse.....100 lbs. 3.25 - —
Syrup, 42°, bbls., c.l....100 lbs. 3.09 - —
43° bbls., c.l.....100 lbs. 3.14 - —
Cornsilk, bls.....lb. .06 - .07
Corrosive sublimate, cryst., dms., 50 lbs., or more..lb. 1.13 - —
gran., powd., dms., 50 lbs. or more..lb. .99 - —
Cottonroot bark, bls.....lb. .11 - .12
Cottonseed hull ash, 30-32% pot-ash, bgs., dlvd..unit-ton. 1.10 - —
Coumarin, 5 lbs., or more, 25-lb. cns..lb. 2.75 - 3.00
5-lb. cns.....lb. 2.85 - 3.10
1-lb. cns.....lb. 3.00 - 3.25
1-oz. cns.....lb. 3.35 - 3.60
less than 5 lbs., cns.....lb. 4.15 - 4.65
Cramp bark, genuine, bls.....lb. .22 - .23
so-called, bls.....lb. .07 - .08
Cranesbill root, bls.....lb. .15 - .16
Cream tartar, gran. or powd., bbls., 5,000 lbs., one shipm't, lb. .21¾- —
smaller lots, bbls.....lb. .22¼- —
kgs.....lb. .23¾- —
Creosote, beechwood, bots.....lb. .70 - .75
Hardwood, USP, bots.....lb. .45 - .47
Pine, dms.....gal. .28 - —
Carbonate, bots., cbys.....lb. 1.40 - 1.75
Creosote oil, crude, tanks, works, gal. .13½- .14½
Coaltar solution, tanks, works, gal. .122 - .132
refd., bbls., l.c.l., works, gal. .25 - —
tanks, works.....gal. .18 - .18½
Cresol, USP, dms., c.l., works.lb. .10½- —
l.c.l., same basis.....lb. .11 - —
special resin grade, dms., c.l., works..lb. .09¼- —
l.c.l., same basis.....lb. .09¾- —
Crotonaldehyde, 97%, 55 and 110 gal. dms., dlvd..lb. .22 - —
5 and 10 gal. dms., dlvd..lb. .25 - —
Cube root, powd., 5% rotenone, bbls., f.o.b. N.Y.C., frt. equaled, with shipments from Newark and Balto. Prices for Pacific Coast are plus frt., 10,000 lbs. or more..lb. .25 - .27
2,000 lbs. to 10,000 lbs..lb. .26 - .27
1,000 lbs. to 2,000 lbs..lb. .27 - .28
200 lbs. to 1,000 lbs.....lb. .29 - .30
4% rotenone prices are 4c. per lb. less.

Cube root, powd., contracts accepted for delivery only up to September 30, 1938. No protection against decline in price. Part deliveries against contract are billed at price for smaller quantities, subject to adjustment when contract quantity is reached.

Cubeb berries, XX, bgs.....lb. .27 - .28
powd., cs.....lb. .30 - .31
Culver's root, bls.....lb. .17 - .18
Cumin seed, Algerian, bgs....lb. .08½- .09
Morocco, bgs.....lb. .09¼-Nom.
Cutch, Philippine, extract, solid bags..lb. .04¼- .04½
Cyanamid, 21-22% N., pulv., bgs., dlvd., contrs., NH_3 unit..lb. 1.15 - —
Cyanide-chloride, mixture, 45%, gran., dms..lb. .10¾- —
lump, dms.....lb. .09¾- —
75%, gran., dms.....lb. .15 - —
75%, gran., dms.....lb. .15 - —

D

Damiana leaves, bls.....lb. .15 - .16
Dandelion root, German, bls..lb. .15 - .16
Deertongue leaves, bls.....lb. .09 - .09½
Degras, common, dom., bbls...lb. .07¾- .08¼
English, bbls.....lb. .07¾- .08¼
neutral, dom., bbls.....lb. .11 - .15
English, bbls.....lb. .11 - .15
Derris root, powd., 5% rotenone, bbls., f.o.b. N.Y.C., frt. equal'd., with shipments from Newark and Balto. Prices for Pacific Coast are plus frt., 10,000 lbs., or more..lb. .34 - .38
2,000 lbs., to 10,000 lbs..lb. .35 - .39
1,000 lbs. to 2,000 lbs. lb. .36 - .40
200 lbs., to 1,000 lbs. lb. .38 - .42
4% rotenone prices are 6c. per lb. less

Derris root, powd., contracts accepted for delivery only up to September 30, 1938. No protection against decline in price. Part deliveries against contract are billed at price for such smaller quantities, subject to adjustment when contract quantity is reached.

Dextrin, British gum, c.l., f.o.b. Chicago..100 lbs. 3.75 - —
l.c.l., f.o.b. Chicago..100 lbs. 3.95 - —
Dextrin, corn, canary, bgs., c.l., f.o.b. Chicago..100 lbs. 3.50 - —
l.c.l., f.o.b. Chicago..100 lbs. 3.70 - —
white, bgs., c.l., f.o.b. Chicago..100 lbs. 3.45 - —
l.c.l., f.o b. Chicago..100 lbs. 3.65 - —
Potato, import, bgs.....lb. .07¼- .08¾
Diacetone (see under Alcohol).
Diamyl ether, dms., c.l., works, lb. .085 - —
l.c.l., works.....lb. .092 - —
tanks, works.....lb. .075 - —
Oxalate, dms., l.c.l., works..lb. .30 - —
Phthalate, dms., c.l., dlvd...lb. .20½- —
l.c.l., dlvd.....lb. .21 - —
tanks, dlvd.....lb. .19¼- —
Sulphide, dms., l.c.l., works..lb. 1.10 - —
Diamylamine, dms., c.l., works, lb. .47 - —
l.c.l., works.....lb. .50 - —
Diamylene, dms., c.l., works..lb. .095 - —
ports, May shipt...ton.44.50 -45.00
l.c.l., works.....lb. .102 - —
tanks, works.....lb. .085 - —
Diatomaceous earth, dom., bgs., c.l., Pacific cst., works, ton.22.00 -85.00
l.c.l., ex whse.....ton.45.00 -150.00
Import, bgs., c.l., c.i.f.....ton.30.00 - —
Dibutylamine, dms., l.c.l., works, lb. .55 - —
Dibutyl phthalate, dms., c.l., dlvd..lb. .20½- —
l.c.l., dlvd. .....lb. .21 - —
tanks, dlvd. .....lb. .19½- —
Tartrate, dom., dms.....lb. .45 - .54
Dicalcium phosphate (see Calcium phosphate, dibasic).
Dichlorethyl ether, dms., c.l., works..lb. .15 - —
l.c.l., works.....lb. .16 - —
tanks, works.....lb. .14 - —
Diethanolamine, dms., c.l., works..lb. .24 - —
l.c.l., works.....lb. .26 - —
tanks, works.....lb. .23 - —
Diethyl carbonate, coml., dms.lb. .31¾- —
refd., 99%, dms.....lb. .50 - —
Carbinol (see Carbinol).
Phthalate, dms., c.l.....lb. .19 - —
l.c.l. .....lb. .19¼- —
tanks .....lb. .18 - —
Sulphate, dms., c.l., works..lb. .13 - —
l.c.l., works.....lb. .14 - —
tanks .....lb. .13 - —
Diethylanilin, dms.....lb. .40 - .50
Diethyleneglycol, dms., c.l., works, lb. .16 - —
l.c.l., works.....lb. .17 - —
Monobutylether, dms., works.lb. .23 - .24
Diethylene glycol monoethylether, dms., c.l., works..lb. .15 - —
l.c.l., works.....lb. .16 - —
tanks, works.....lb. .14 - —
Diethylene oxide, dms., c.l., frt. alld..lb. .20 - —
l.c.l., same basis.....lb. .21 - —
tanks, works.....lb. .19 - —
Digitalis, leaves, dms.....lb. .42 - .45
Diglycol laurate.....lb. .23 - —
Diglycol oleate, light, bbls...lb. .20 - —
Diglycol stearate.....lb. .25 - —
Di-isobutyl ketone, dms., works, lb. .19 - —
Dillseed, recleaned, bgs.....lb. .07½- .08
Dimethyl phthalate, dms., c.l., dlvd..lb. .18½- —
l.c.l., dlvd. .....lb. .19 - —
tanks, dlvd. .....lb. .17½- —
Dimethylamine, dms., c.l., dlvd, lb. 1.00 - —
l.c.l., dlvd. .....lb. 1.05 - —
Dimethylanilin, dms .....lb. .26 - .27
Dimethylethyl carbinol (see Carbinol).
Dinitrobensene, bbls.....lb. .16 - .18
Dinitrochlorobenzene, bbls.....lb. .14 - —
Dinitronaphthalene, kgs.....lb. .35 - .38
Dinitrophenol, bbls.....lb. .22 - .24
Dinitrotoluene, dms.....lb. .15¾- —
oily, dms.....lb. .09 - —
Diorthotoluidine: lbs. or over, dlvd..lb. .44 - —
600-1,950 lbs., dlvd.....lb. .45 - —
150-450 lbs., dlvd.....lb. .47 - —
Dip oil (see Tar acid oil).
Dipentene, dms.....gal. .47 - .50
cans.....gal. .41 - —
Diphenyl, bbls., c.l., works....lb. .15 - —
l.c.l., works.....lb. .20 - .25
Oxide, perfume grade, cns....lb. .50 - .55
Diphenylamine, bbls.....lb. .81 Nom.
Diphenylguanidin, dms., 2,000 lbs. or over, dlvd..lb. .35 - —
600-1,950 lbs., dlvd.....lb. .36 - —
150-450 lbs., dlvd.....lb. .37 - —
Diphenylmethane, bots.....lb. 1.40 - 2.00
Disodium phosphate (see Soda phosphate, dibasic)
Divi-divi extract, bbls.....lb. .05¾- .06¾
Doggrass root, cut, bls.....lb. .11 - .12
Dogwood bark, dom., bls.....lb. .07 - .08
Jamaica, bls.....lb. .06 - .07
Dover's powder, USP, cns.....lb. 2.75 - 2.80
Dragon's blood, mass, cs.....lb. .65 - .85
reeds, thin, cs.....lb. .80 - .85
Duboisine sulphate, vls.....oz.34.50 -35.00
Dyes, coaltar, for coloring foods (certified colors) (numbers are those of Colour Index scale):—
Blue:—
Brilliant blue FCF, cans..lb.13.50- —
1180 Sodium indigo disulphonate, cns..lb.13.50- —
Green:—
Fastgreen FCF, cns.....lb.27.50- —
666 Guinea green B., cns. lb.13.50- —
670 Light green SF, yellowish, cns..lb.17.50- —
Red:—
184 Amaranth, cns.....lb. 3.15- —
773 Erythrosin, cns.....lb.17.50- —
80 Ponceau 3R, cns.....lb. 6.00- —
Ponceau SX, cns.....lb. 5.75- —
Orange:—
150 Orange I, cns.....lb. 2.90- —
Yellow:—
10 Naphthol yellow S, cns..lb. 8.50- —
Sunset yellow FCF, cns.lb. 3.15- —
640 Tartrazin, cns.....lb. 3.15- —
22 Yellow AB, cns.....lb. 2.65- —
61 Yellow OB, cns.....lb. 2.65- —
Dyes, coaltar, for general uses (numbers are those of Colour Index scale):—
36 Chrome yellow 2G.....lb. .65 - .70
40 Chrome yellow R.....lb. .50 - 1.00
53 Victoria violet.....lb. .80 - 1.00
165 Lake red C.....lb. 1.00 - —
176 Fast red A.....lb. .60 - .75
180 Fast red VR.....lb. 1.50 - 1.65
189 Lake red R, paste.....lb. .85 - .90
189 Lake red R, powdered.lb. 8.00 - 8.10
202 Chrome blue black U..lb. .32 - .40
204 Chrome black A.....lb. 1.75 - 2.00
208 Fast red blue R.....lb. .75 - 2.00
216 Chrome red B.....lb. 1.75 - 2.00
262 Cloth red 2B.....lb. .60 - .80
289 Fast cyanin 5R.....lb. .90 - 1.00
299 Chrome black F.....lb. .60 - .65
307 Fast cyanin black B...lb. .80 - .85
326 Direct cast scarlet.....lb. 2.00 - 2.25
304 Paper yellow.....lb. .63 - .90
365 Chrysophenin G.....lb. .58 - .70
394 Direct violet N.....lb. 1.25 - 1.30
382 Direct scarlet B.....lb. 1.50 - 1.75
387 Direct violet B.....lb. 1.00 - 1.30
401 Developed black BHN..lb. .50 - .75
406 Direct blue 2B.....lb. .25 - .30
415 Direct orange R.....lb. .60 - .70
419 Direct fast red F.....lb. .75 - .85
420 Direct brown M.....lb. 1.00 - 1.10
448 Benzo purpurin 4B.....lb. .40 - .42½
495 Benzo purpurin 10B....lb. .40 - .50
502 Direct azurin G.....lb. .75 - .80
512 Direct blue RD.....lb. .80 - 1.00
518 Direct pure blue 6B....lb. 1.10 - 1.35
520 Direct pure blue.....lb. .50 - 1.00
529 Direct fast black FF..lb. .55 - 1.00
581 Direct black EW.....lb. .25 - .50
582 Direct black RX.....lb. .35 - .45
593 Direct green B.....lb. .75 - .80
594 Direct green G.....lb. 1.00 - 1.05
596 Direct brown 3GO.....lb. .35 - 1.00
620 Direct yellow R.....lb. 1.25 - 1.50
698 Acid violet.....lb. 1.00 - 3.00
812 Primulin .....lb. .50 - .52
814 Direct fast yellow.....lb. 2.00 - 2.25
845 Nigrosin(water soluble).lb. .32 - .50
1177 Indigo, 20 p. c., paste..lb. .15 - .18
Benzo fast black L....lb. .90 - 1.00
Sulphur black.....lb. .20 - .25
Sulphur blue.....lb. .40 - 1.00
Sulphur brown.....lb. .25 - .50
Sulphur maroon.....lb. .40 - —
Sulphur olive.....lb. .25 - .54
Sulphur tan.....lb. .20 - .50
Sulphur yellow.....lb. .20 - .50
Zambesi black.....lb. .75 - .90
Dyes, coaltar, for stains (numbers are those of Colour Index scale):—
Oil-soluble (prices in barrels of 100 lbs.; lots of 25 pounds to a barrel are 5c. per lb higher; f.o.b. sellers' works or warehouse)
Black:—
865 Nigrosin derivatives.lb. .42 - —
Blue:—
1075 Alizarin astrol base.lb.15.00 - —
1078 Alizarin cyanin green base..lb. 6.00 - —
729 Victoria blue.....lb. .75 - —
Browns:—
Brown .....lb. 1.15 - —
Green:—
1078 Alizarin cyanin green.lb. 5.00 - —
..... Green .....lb. .75 - —
Orange:—
24 Sudan I.....lb. .70 - —
..... Orange, red shade..lb. .75 - —
Red:—
73 Sudan II.....lb. 1.05 - —
258 Sudan IV.....lb. .95 - —
749 Rhodamine B (oil pink) lb. 2.50 - —
1080 Anthroquinone violet base..lb. 6.00 - —
680 Oil violet.....lb. .50 - —
Yellow:—
15 Amidoazobenesene yellow..lb. .90 - —
17 Amidoazotoluene yellow, lb. .75 - —
61 Yellow OB.....lb. 1.40 - —
Spirit-soluble (prices in barrels of 250 lbs. each; lots of 25 lbs. to a barrel are 5c. per lb. higher; f.o.b. sellers' works or warehouse).
Black:—
864 Nigrosin .....lb. .40 - —
Blue:—
729 Victoria blue.....lb. 2.55 - —
860 Indulin .....lb. .70 - —
Brown:—
331 Bismarck brown.....lb. 1.50 - —
Green:—
637 Malachite green base.lb. 2.00 - —
Orange:—
20 Chrysoidin G.....lb. .95 - —
21 Chrysoidin R.....lb. .95 - —
Red:—
677 Fuchsin, magenta base, lb. 7.25 - —
749 Rhodamine B.....lb. 4.75 - —
Yellow:—
97 Amidoazotoluene yellow..lb. .75 - —
655 Auramine .....lb. 2.00 - —
800 Chinolin yellow SS..lb. 2.00 - —
Violet:—
680 Methyl violet.....lb. .70 - —

Chloroform—Ethylene

Dyes, coaltar, for stains (numbers are those of Colour Index scale):—
Water-soluble (prices in carrels of 250 lbs. each; lots of 25 lbs. to a barrel, 5c. per lb. higher; f.o.b. sellers' works or warehouse).
Black:—
246 Naphthol blue black S, lb. .50 - —
865 Nigrosin .....lb. .35 - —
673 Methylene gray.....lb. 1.50 - —
Blue:—
714 Patent blue A.....lb. 1.45 - —
729 Victoria blue B.....lb. 2.00 - —
861 Indulin .....lb. .87 - —
909 New blue R.....lb. 1.30 - —
922 Methylene blue.....lb. 1.00 - —
1054 Alizarin saphirol B..lb. 1.90 - —
1180 Indigotin IA.....lb. .85 - —
Brown:—
254 Resorcin brown Y...lb. .65 - —
285 Resorcin dark brown R lb. .66 - —
281 Bismarck brown G..lb. .52 - —
832 Bismarck brown R..lb. .87 - —
793 Phosphin .....lb. 4.65 - —
Green:—
5 Naphthol green B...lb. 1.00 - —
657 Malachite green.....lb. 1.35 - —
662 Brilliant green.....lb. 2.00 - —
666 Guinea green B.....lb. 1.15 - —
737 Wool green S.....lb. .58 - —
924 Methylene green B..lb. 1.55 - —
1078 Alizarin cyanin green. lb. 2.35 - —
Orange:—
10 Chrysoidin G.....lb. .40 - —
21 Chrysoidin R.....lb. .37 - —
27 Orange G.....lb. .50 - —
151 Orange Y.....lb. .50 - —
161 Orange R.....lb. .34 - —
Water-soluble:—
Red:—
51 Amidonaphthol red G. lb. .42 - —
87 Amidonaphthol red 6B. lb. .68 - —
79 Ponceau R.....lb. .48 - —
88 Fast red B.....lb. 1.05 - —
176 Fast red A.....lb. .54 - —
179 Azorubin .....lb. .52 - —
183 Crocein scarlet 3BX.lb. .60 - —
185 Cochineal red A....lb. .60 - —
Water soluble
Red:—
252 Brilliant crocein M..lb. .68 - —
677 Fuchsin .....lb. 2.10 - —
749 Rhodamine B.....lb. 3.50 - —
752 Rhodamine 6G.....lb. 4.50 - —
768 Eosin G.....lb. 1.50 - —
841 Safranin .....lb. 1.45 - —
Water-soluble:—
Violet:—
650 Methyl violet B.....lb. .75 - —
681 Crystal violet C.....lb. 1.75 - —
695 Acid violet 4BN.....lb. .88 - —
Yellow:—
10 Naphthol yellow S..lb. .88 - —
138 Metanil yellow.....lb. .53 - —
636 Fast light yellow....lb. 1.25 - —
639 Xylene light yellow..lb. 1.15 - —
640 Tartrazin .....lb. .80 - —
655 Auramine .....lb. 1.27 - —
Dyes, natural (see name of article).

E

Echinacea root, bls. .....lb. .20 - .21
Egg albumen (see Albumen).
yolk, bbls.....lb. .62 - .64
Elder flowers, bright, bls.....lb. .20 - .22
Elecampane root, bls.....lb. .10 - .11
Elm bark, grinding, bls.....lb. .10 - .11
powd., bbls., bxs.....lb. .20 - .21
select, bndls.....lb. .25 - .26
Emetine hydrochloride, bots...oz.17.00 -18.00
Ephedra, bls.....lb. .28 - .29
Ephedrine, tins, 1,000 ozs....oz. 3.50 - —
tins, 100 ozs.....oz. 3.75 - —
Hydrochloride, tins, 1,000 ozs., oz. 2.50 - —
tins, 100 ozs. .....oz. 2.75 - —
Sulphate, cryst., 1,000 ozs...oz. 2.50 - —
tins, 100 ozs. .....oz. 2.75 - —
Epsom salt, tech., bgs....100 lbs. 1.80 - —
bbls. .....100 lbs. 1.90 - —
USP, cryst., dom., bgs., c.l., 100 lbs. 2.00 - —
l.c.l., 5,000 lbs., 1 withdrawal..lb. 2.25 - —
smaller lots.....lb. 2.50 - —
bbls., c.l.....lb. 2.10 - —
l.c.l., 5,000 lbs., 1 withdrawal..lb. 2.35 - —
smaller lots.....lb. 2.60 - —
kgs., c.l.....lb. 2.35 - —
l.c.l., 5,000 lbs., 1 withdrawal..lb. 2.60 - —
smaller lots.....lb. 2.85 - —
dried, dom., bgs., l.c.l...lb. .08 - .10
Ergot, USP, cs., dms.....lb. 1.25 - 1.30
Eserine, bots.....oz.42.00 - —
Salicylate, bots.....oz.33.00 -34.00
Sulphate, bots.....oz.30.00 - —
Ether, acetic (see Ethyl acetate)
Butyl, dms., l.c.l., dlvd.....lb. .30 - —
Ethyl (see Ether, sulphuric).
Nitrous, conc., bots., 100 lbs., lb. .08 - —
Sulphuric, conc., dms., 120 lbs., lb. .09 - —
cns., 27 lbs.....lb. .14 - —
synth., dms., c.l., works..lb. .08 - —
l.c.l., works.....lb. .09 - —
USP, anesthesia, dms., 27 lbs., lb. .26 - —
USP, 1880, dms.....lb. .39 - .40
washed, dms.....lb. .37 - .38
Ethyl acetate, 85 p.c., dms., c.l., frt. alld..lb. .06½- —
l.c.l., frt. alld.....lb. .07 - —
tanks, frt. alld.....lb. .05½- —
99 p.c., dms., c.l., frt. alld., lb. .07¼- —
l.c.l., frt. alld.....lb. .07¾- —
tanks, frt. alld.....lb. .06¼- —
N. F., VI, 99%, dms., 400 lbs. lb. .08½- —
cns., 35 lbs.....lb. .13½- —
USP, VIII, 90%, dms., 400 lbs. lb. .07½- —
cns., 35 lbs.....lb. .12½- —
Acetoacetate, dms., c.l., works, lb. .27½- —
l.c.l., dms., works.....lb. .28 - —
Bromide, tech., dms.....lb. .50 - .55
Caproate, cns.....lb. 1.00 - —
Chloride, dms.....lb. .22 - .24
Cinnamate, cns.....lb. 3.20 - 4.00
Crotonate, 55 and 110 gal. dms., dlvd..lb. .33 - —
5 and 10 gal. dms., dlvd...lb. .36 - —
Formate, cns., dms.....lb. .23 - .24
Iodide, bots.....lb. 4.85 - 4.96
Lactate, 55-gal. dms., works.lb. .33 - —
5-gal. dms., works.....lb. .36 - —
Oxalate, dms.....lb. .30 - .34
Silicate, l.c.l., dms., works..lb. .77 - —
Ethylcellulose, bgs., 500 lbs. or more, frt. alld..lb. .6440- —
100 lbs., frt. alld.....lb. .6930- —
smaller lots, works.....lb. .7425- —
Ethylene bromide, dms.....lb. .65 - .70
Dichloride, dms., c.l., works, E. of Rockies, frt. alld..lb. .0545- .05½
West of Rockies, same basis..lb. .0595- .06

Ethylene—Hexyl Acetate

Ethylene dichloride, l.c.l., dms., works, E. of Rockies, frt. alld.	lb.	.0644- .06½
West of Rockies, same basis	lb.	.0694- .07
Ethyleneglycol, dms., c.l.	**lb.**	**.16 - —**
l.c.l.	**lb.**	**.17 - .20**
tanks	**lb.**	**.15 - —**
Monobutylether, dms., c.l., works	**lb.**	**.18 - —**
l.c.l., works	**lb.**	**.19 - .22**
tanks, works	**lb.**	**.17 - —**
Monoethylether, dms., c.l., works	**lb.**	**.15 - —**
l.c.l., works	**lb.**	**.16 - —**
tanks, works	**lb.**	**.14 - —**
Monoethylether, acetate, dms., c.l., works	**lb.**	**.18 - —**
l.c.l., dms	**lb.**	**.14 - —**
tanks, works	**lb.**	**.12 - —**
Monomethylether, dms., c.l., works	**lb.**	**.17 - —**
l.c.l., works	**lb.**	**.18 - —**
tanks, works	**lb.**	**.16 - —**
Ethylidinanilin, dms	**lb.**	**.45 - .47½**
Ethylmethyl ketone, dms., c.l., frt. pd. E. of Rocky Mts.	**lb.**	**.06¼- —**
l.c.l., same terms	**lb.**	**.07 - —**
tanks, same terms	**lb.**	**.05¼- —**
Ethylorthoparaf luenesulphonamide, bbls.	**lb.**	**.55 - —**
Ethylparatoluenesulphonamide, bbls.	**lb.**	**.60 - —**
Eucalyptol, cns., dms	**lb.**	**.58 - .60**
Eucalyptus leaves, bls	**lb.**	**.08 - .09**
Eugenol, bgs., cns	**lb.**	**2.10 - 2.35**
Euphorbia, bls	**lb.**	**.05 - .06**

F

Feldspar, enamel, 100 mesh, bulk, works	ton.	14.00 -17.50
glass, 20 mesh, bulk, works	ton.	9.75 -13.25
pottery, bulk, Me. works	ton.	17.00 -19.00
N.C. works	ton.	17.00 -19.00
Fennel seed, French type, bgs.,	lb.	.07½- .08
Indian, bags	lb.	.07½- .07¾
German, large, bgs	lb.	.18 - .19
small, bgs	lb.	.13 - .14
Fenugreek seed, bgs	lb.	.03¾- .04¼
Ferric sulphate, dms., works	ton.	35.00 -40.00
Film scrap, colors, dark, cs., 1,000 lbs., or over, works	lb.	.12½- —
smaller lots, works	lb.	.13 - —
light, cs., 1,000 lbs. or over, works	lb.	.13½- —
smaller lots, works	lb.	.14 - —
water white, cs., 1,000 lbs., or over, works	lb.	.14½- —
smaller lots, works	lb.	.15 - —
Fir balsam, Canada, cns	gal.	15.00 -16.00
Oregon, bbls	gal.	1.35 - 1.40
Fish berries, bgs	lb.	.08 - .09
Fish scrap, menhaden, dried, 11-12% ammon., 15% bone phos., bulk, Chesapeake factories, contracts, futures	unit-ton.	3.00 & .10
grd., 11-12% ammon., 15% bone phos., bgs., f.o.b. Balto	ton.	46.00 - —
wet, acidulated, 6-7% ammon., 3-4% phosphor. acid, bulk, E. cst. factories, contracts	unit-ton.	2.75 & .50
sardine, meal, Japanese, 11½% ammon., b g s., c.i.f. ports, shipt	ton.	42.00 - —
spot or nearby	ton.	44.00 Nom.
Flake white, bbls., kgs	lb.	.09½- —
Fleaseed, French, black, bgs	lb.	.11 - .12
Indian, blonde, bgs	lb.	.08 - .08½
Fluorspar, dom., No. 1 ground, bulk, 95-98%, f.o.b. mines	ton.	31.50 - —
Washed gravel, 85-5, f.o.b. Ill.-Ky. mines	ton.	19.00 -20.00
No. 2, lump, 85.5 f.o.b. Ky. and Ill. mines	ton.	20.00 -21.00
imported, 85% not over 5% duty paid	ton.	23.50 -24.00
Formaldehyde, bbls., c.l., works,	lb.	.05¾- —
l.c.l., works	lb.	.06¼- —
dms., c.l., works	lb.	.05¼- —
l.c.l., works	lb.	.05¾- —
tanks, works	lb.	.04½- —
Fringetree bark, bls	lb.	.12 - .13
Fullers earth, dom., bgs., c.l., f.o.b. Fla., Ga., mines	ton.	10.00 - —
import, bgs., c.l., ex dock	ton.	23.00 - —
l.c.l., ex whse	ton.	30.00 - —
Furfural, refd., c.l., works,	lb.	.15 - —
l.c.l., works	lb.	.17½- .25
tech., dms., contracts, 150,000 lbs.	lb.	.10 - —
c.l., works	lb.	.12½- —
l.c.l., works	lb.	.15 - .20
tanks, works	lb.	.09 - —
Fusel oil, refd., dms., incl., dlvd.,	lb.	.12½- .14
Fustic extract, cryst., bbls	lb.	.22 - .26
liquid, bbls	lb.	.09½- .13
solid, dms	lb.	.17½- .19¼

G

G salt, bbls	lb.	.45 - .48
Galangal root, bls	lb.	.09 - .10
Gall extract, bbls	lb.	.19 - .20
Gambier, common, bgs	lb.	.06¾- .07¾
plantation, bgs	lb.	.08¼- .09¾
Cubes, Singapore, bgs	lb.	.10½- .11
Extract, bbls	lb.	.06½- .09½
Gasoline at refinery:—		
Bayonne, US motor, below 65 octane, tanks	gal.	.07¼- —
65 octane and above, tanks,	gal.	.07½- —
California, 54-58, tanks	gal.	.06¾- .08¼
Gulf Coast, U. S. Motor, bulk,	gal.	.04⅞- —
60-62, 390 e.p., bulk, export,	gal.	.04⅞- —
60-62, 400 e.p., bulk, export,	gal.	.04⅞- —
64-66, 375 e.p., bulk, export,	gal.	.05 - .05¼
Louisiana-Arkansas, US motor, 62 octane, tanks	gal.	.04¼- .04½
63-66 octane, tanks	gal.	.04½- .04⅝
67-69 octane, tanks	gal.	.04⅝- .05
70-72 octane, tanks	gal.	.05½- .05¾
Oklahoma-Texas, US motor, 62 octane and below, tanks	gal.	.04¼- .04¼
third grade, tanks	gal.	.04¼- .04¼
63-68 octane, tanks	gal.	.04 - —
67-69 octane, tanks	gal.	.04⅝- —
70-72 octane, tanks	gal.	.04⅞- .05¾
natural, 12-lb. v. p., tanks,	gal.	.04¼- .04½
14-lb. v.p., tanks	gal.	.03⅜- —
18-lb. v.p., tanks	gal.	.03 - —
22-lb. v.p., tanks	gal.	.02¾- —
26-70 lb., v.p., tanks	gal.	.02 - .02⅛
Pennsylvania, US motor, below 60 octane tanks	gal.	.05 - —
65 octane, tanks	gal.	.06½- —
52-56 450 e.p., naphtha, tanks	gal.	.04¾- .05
Gelatin, silver, cs	lb.	.45 - .50
Gelsemium root, bls	lb.	.11 - .12
Gentian root, bls	lb.	.09 - .10
grd., bbls., bxs	lb.	.12 - .13
powd., bbls., bxs	lb.	.13 - .14
Geraniol, cns., dms	lb.	.67 - 3.00
Geranyl acetate, bots., dms	lb.	1.20 - 2.50
Ginger root, African, bgs	lb.	.06½- .09¾
Cochin, lemon, bgs	lb.	.10 - .10½
Jamaica, bold, bgs	lb.	.15 - .15½
grinding, bright, bgs	lb.	.12½- .13
medium, bold, bgs	lb.	.11¾- .12
Japanese, bgs	lb.	.09¼- .09¾
Ginseng fibers, cs	lb.	1.75 - 3.00
Root, cultivated, cs	lb.	10.00 -11.00
wild, Southern, cs	lb.	6.00 - 7.00
Glauber's salt, anhyd. (see Soda sulphate).		
cryst., dom., bgs., bbls., c.l., works	100 lbs.	.95 - 1.15
5 tons or over, works	100 lbs.	1.05 - 1.25
less than 5 tons, works	100 lbs.	1.15 - 1.35
Import., bgs	100 lbs.	1.05 - 1.35
Glue, bone, calcimine type, 24 millipoise, 36 jelly-grams, bgs., c.l., dlvd.	lb.	.13 - —
l.c.l., dlvd.	lb.	.13½- —
36/58, bgs., c.l., dlvd.	lb.	.13½- —
l.c.l., dlvd	lb.	.14 - —
58/82, bgs., c.l., dlvd.	lb.	.14½- —
l.c.l., dlvd.	lb.	.15 - —
82/108, bgs., c.l., dlvd.	lb.	.15 - —
l.c.l., dlvd.	lb.	.15½- —
hide, calcimine type, 53 millipoise, 135 jelly grams, bgs., c.l., dlvd., East, Middlewest	lb.	.15 - —
l.c.l., same basis	lb.	.15½- —
60/164, bgs., c.l., same basis.	lb.	.16½- —
l.c.l., same basis	lb.	.17 - —
67/122, bgs., c.l., same basis.	lb.	.17½- —
l.c.l., same basis	lb.	.18 - —
75/222, bgs., c.l., same basis,	lb.	.18½- —
l.c.l., same basis	lb.	.19½- —
83/251,bgs.,c.l.,same basis.	lb.	.19½- —
l.c.l., same basis	lb.	.20½- —
92/283,bgs.,c.l.,same basis.	lb.	.20½- —
l.c.l., same basis	lb.	.21½- —
102/315, bgs., c.l., same basis	lb.	.21 - —
l.c.l., same basis	lb.	.22 - —
113/347, bgs., c.l., same basis	lb.	.22 - —
l.c.l., same basis	lb.	.23 - —
125/379, bgs., c.l., same basis	lb.	.23 - —
l.c.l., same basis	lb.	.24 - —
Glue prices for barrel packing, ½c. higher, grinding charge, 20-40 mesh, ½c. lb.; 60 mesh, 1c. lb.		
Glycerin, C.P., cns., l.c.l.	lb.	.16¼- .16¾
dms., c.l.	lb.	.14¼- —
l.c.l.,	lb.	.14¾- —
tanks	lb.	.14 - —
dynamite, dms, c.l.	lb.	.12¾- —
l.c.l.	lb.	.13¼- —
tanks	lb.	.12¼- —
heavy gravity dms., c.l.	lb.	.13¾- —
l.c.l	lb.	.14¼- —
tanks	lb.	.13½- —
saponification, basis 88%, dms., returnable, dlvd.	lb.	.09½- .09¾
soaplye, basis 80%, dms., returnable, dlvd.	lb.	.08½- .08¾
Glycol boriborate, dms	**lb.**	**.28 - —**
Phthalate, dms	**lb.**	**.38 - —**
Stearate, dms	**lb.**	**.25 - —**
Gold, U.S. purchase price	**oz.**	**35.00 - —**
Chloride acid brown, bots.	**oz.**	**20.75 -21.00**
yellow, bots.	**oz.**	**18.75 -19.00**
Gold-soda chloride, photo., bots.,	**oz.**	**13.00 - —**
U.S.P. IX, bots	**oz.**	**14.50 -14.75**
Gold of pleasure seed, bgs.	lb.	.12 - .12½
Goldenseal root, bls	lb.	3.20 - 3.25
powd., bxs	lb.	3.35 - 3.40
Grains of paradise, bgs	lb.	.23 - .23½
Graphite, flake (cryst.), 90% 325 mesh, 50% graphitic carbon, bgs., c.l., works.	**lb.**	**.06 - —**
bbls., c.l., works	**lb.**	**.06¼- —**
l.c.l., works	**lb.**	**.06½- —**
powd., 90% 325 mesh, 65% graphitic carbon, bgs., c.l., works.	**lb.**	**.02½- —**
bbls., c.l., works	**lb.**	**.02¾- —**
l.c.l., works	**lb.**	**.03¼- —**
80% graphitic carbon, bgs., c.l., works.	**lb.**	**.03½- —**
bbls., c.l., works	**lb.**	**.03¾- —**
l.c.l., works	**lb.**	**.04½- —**
Grease, house, trcs	lb.	.04¾- .04⅞
White, trcs	lb.	.05¾- .05⅞
Yellow, trcs	lb.	.04¼- .04⅝
Wool (see Adeps lanae and Degras).		
Green, chrome, C.P., dark, light, medium, blue content up to 5%, bbls., dlvd. N. of Tenn. and N. C., E. of Miss. river, including St. Paul, Minneapolis, Davenport, Rock Island, St. Louis.	**lb.**	**.21 - —**
6-10%, bbls., same basis.	**lb.**	**.22 - —**
11-15%, bbls., same basis.	**lb.**	**.23 - —**
16-20%, bbls., same basis.	**lb.**	**.23½- —**
21-25%, bbls., same basis.	**lb.**	**.24 - —**
26-30%, bbls., same basis.	**lb.**	**.24½- —**
31-35%, bbls., same basis.	**lb.**	**.25½- —**
36-40%, bbls., same basis.	**lb.**	**.27 - —**
41-45%, bbls., same basis.	**lb.**	**.28½- —**
46-50%, bbls., same basis.	**lb.**	**.30 - —**
over 50%, bbls., same basis	**lb.**	**.31 - —**
Chrome green prices are ½c. higher dlvd. Ala., Fla., Ga., La., (Shreveport, 1¼c.), Miss., N. C., S. C., Tenn., Texas (Dallas, Ft. Worth, 1¼c.; El Paso, 2c.), Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; ½c. higher dlvd. Pac. coast; for Denver, Pueblo, Salt Lake City, Wichita, prices are equalized with Chicago.		
reduced, C.P. color content up 5%, bbls., same basis,	**lb.**	**.06 - —**
6-10%, bbls., same basis.	**lb.**	**.06¾- —**
11-13%, bbls., same basis.	**lb.**	**.07¼- —**
14-16%, bbls., same basis.	**lb.**	**.07¾- —**
17-19%, bbls., same basis.	**lb.**	**.07¾- —**
20-21%, bbls., same basis.	**lb.**	**.08 - —**
22-23%, bbls., same basis.	**lb.**	**.08¼- —**
24-25%, bbls., same basis.	**lb.**	**.08¼- —**
26-27%, bbls., same basis.	**lb.**	**.08¾- —**
28-29%, bbls., same basis.	**lb.**	**.09¼- —**
30-31%, bbls., same basis.	**lb.**	**.10 - —**
32-33%, bbls., same basis.	**lb.**	**.11¼- —**
34-35%, bbls., same basis.	**lb.**	**.12¼- —**
36-40%, bbls., same basis.	**lb.**	**.14¼- —**
41-45%, bbls., same basis.	**lb.**	**.16¼- —**
46-50%, bbls., same basis.	**lb.**	**.16¾- —**
51-55%, bbls., same basis.	**lb.**	**.17¼- —**
56-60%, bbls., same basis.	**lb.**	**.17¾- —**
61-65%, bbls., same basis.	**lb.**	**.18¼- —**
66-70%, bbls., same basis.	**lb.**	**.19¼- —**
71-75%, bbls., same basis.	**lb.**	**.20¼- —**
Chrome, oxide, dom., pure.bbl.	**lb.**	**.22 - —**
ceramic, light shades, bbls., c.l., works.	**lb.**	**.28 - —**
l.c.l., works	**lb.**	**.30 - —**
standard grade, bbls., works.	**lb.**	**.21 - .22**
Tetrahydroxide, bbls	lb.	.85 - —
Paris (see P)		
Tungstated, brilliant, kgs	**lb.**	**3.75 - —**
emerald, kgs	**lb.**	**2.60 - —**
Verdigris (see V)		
Green dyes are listed under Dyes.		
Grindelia robusta, bls	**lb.**	**.08 - .09**
Guaiac resin, cs	**lb.**	**.27 - .28**
strained, cs	lb.	.90 - 1.00
Wood, bls	lb.	.04 - .06
Guaiacol, liq., djns	lb.	1.65 - 1.70
Carbonate, fib. dms., 25 lbs.	lb.	2.40 - 2.74
Guarana, powd., cs	lb.	1.06 - 1.10
Gum, aloe (see A).		
Ammoniac, tears., cs	lb.	.85 - .90
Arabic, amber sorts, cleaned, bgs.	lb.	.09¼- .09½
white, sorts, 1, bgs	lb.	.23 - .24
2, bgs	lb.	.21 - .22
powd., bbls	lb.	.12 - .12½
Asafetida (see A).		
Asphaltum (see A).		
Benzoin, Siam, cs	**lb.**	**1.40 - 1.65**
Sumatra, cs	lb.	.17½- .19
Camphor (see C).		
Chicle, prime, 33% moisture, bgs., ton lots.	lb.	.38 - .39
Copal, Congo 1, water white, transparent, bgs., c.l., ex dock or ex whse., N. Y. or San Fran.	lb.	.37½- —
Gum, copal, dammar, elemi, kauri, mastic, sandarac, and yacca gums prices c.l. (30,000 lbs. min.) apply to assorted lots of gums as well as one grading; l.c.l. prices are ¼c. higher for 10 bgs. or over; ½c. higher for 1-9 bgs.		
Copal, Congo 2, cloudy, white, bgs., c.l., same basis.	lb.	.28¾- —
3, selected pale straw bold, bgs., c.l., same basis.	lb.	.18¼- —
4, pale bold straw, bgs., c.l. same basis.	lb.	.18¾- —
5, pale straw bold, bgs., c.l. same basis.	lb.	.14¾- —
6, pale amber bold, bgs., c.l., same basis.	lb.	.15¾- —
7, pale, straw bold, bgs., c.l., same basis.	lb.	.12¾- —
8, light amber bold, bgs., c.l., same basis.	lb.	.11¾- —
9, medium light amber, bold, bgs., c.l., same basis.	lb.	.09¾- —
10, rescraped hard amber bold, bgs., c.l., same basis,	lb.	.09¾- —
11, hard dark amber bold, bgs., c.l., same basis.	lb.	.08¼- —
12, selected bold sorts, bgs., c.l., same basis.	lb.	.06¾- —
13, dark sorts bold, bgs., c.l., same basis.	lb.	.05¾- —
14, selected, fully scraped, ivory, bgs., c.l., same basis.	lb.	.17¾- —
15, ordinary ivory sorts, bgs., c.l., same basis.	lb.	.06¾- —
16, inferior ivory sorts, bgs., c.l., same basis.	lb.	.05¾- —
17, pale, fingers, bgs., c.l., same basis.	lb.	.15¾- —
18, pale straw nubs, bgs., c.l., same basis.	lb.	.12¼- —
19, pale straw nubs, bgs., c.l., same basis.	lb.	.11¾ —
20, hard dark amber nubs, bgs., c.l., same basis.	lb.	.08¾- —
21, ordinary selected nubs, c.l., same basis.	lb.	.07¼- —
22, small mixed nubs, bgs., c.l., same basis.	lb.	.06¾- —
23, dark mixed nubs, bgs., c.l., same basis.	lb.	.06¾- —
24, No. 1, ivory nubs, bgs., c.l., same basis.	lb.	.14¼- —
25, No. 2, natural ivory nubs, bgs., c.l., same basis,	lb.	.07 - —
26, pale bold chips, bgs., c.l., same basis.	lb.	.06¼- —
27, pale small chips, bgs., c.l., same basis.	lb.	.05¾- —
28, pale dust, bgs., c.l., same basis.	lb.	.05 - —
East India, Batu, bold scraped, bgs., c.l., same basis,	lb.	.05 - —
unscraped, b g s., c.l., same basis.	lb.	.04 - —
chips, bgs., c.l., same basis,	lb.	.03¾- —
dust, bgs., c.l., same basis.	lb.	.03¼- —
nubs and chips, bgs., c.l., same basis.	lb.	.03¾- —
black, bold, scraped, bgs., c.l., same basis.	lb.	.06¾- —
unscraped, bgs., c.l., same basis.	lb.	.04¼- —
nubs and chips, bgs., c.l., same basis.	lb.	.04¼- —
Hiroe, Macassar, pale, bold, bgs., c.l., same basis.	lb.	.12¼- —
chips, bgs., c.l., same basis.	lb.	.06¾- —
dust.,bgs.,c.l.,same basis,	lb.	.03¼- —
nubs, bgs., c.l., same basis.	lb.	.10¾- —
Singapore, Rasak, bold, bgs., c.l., same basis.	lb.	.14½- —
chips, bgs., c.l., same basis,	lb.	.04¾- —
dust,bgs.,c.l.,same basis.	lb.	.03¼- —
nubs, bgs.,c.l.,same basis.	lb.	.10 - —
Manila, Boeas, amber and dark, bskts., c.l., same basis.	lb.	.11½- —
light, bskts., c.l., same basis.	lb.	.13¾- —
Loba A, bskts., c.l., same basis.	lb.	.12 - —
B, bskts.,c.l.,same basis.	lb.	.11 - —
C, bskts.,c.l.,same basis.	lb.	.10½- —
CNE, bskts., c.l., same basis.	lb.	.06¾- —
D, bskts., c.l., same basis,	lb.	.06¾- —
DK, bskts., c.l., same basis,	lb.	.06¾- —
DU, bskts., c.l., same basis,	lb.	.06¾- —
dust, bskts.,c.l., same basis,	lb.	.05¾- —
Sambas and white split chips, bskts., c.l., same basis.	lb.	.15 - —
Singapore, dust., bskts., c.l., same basis.	lb.	.06¾- —
spirit-soluble, CBB, bskts., c.l., same basis.	lb.	.06¾- —
DBB, bskts., c.l., same basis.	lb.	.06 - —
MA, bskts., c.l., same basis,	lb.	.05¾- —
MB, bskts., c.l., same basis,	lb.	.06 - —
WS, bskts., c.l., same basis,	lb.	.06 - —
Philippine Manila, amber sorts, bskts., c.l., same basis,	lb.	.06¾- —
chips, pale, bskts., c.l., same basis.	lb.	.08½- —
small, bskts., c.l., same basis.	lb.	.07¼- —
extra pale sorts, bskts., c.l., same basis.	lb.	.08¾- —
nubs, bskts., c.l., same basis.	lb.	.10¾- —
pale, scraped, bskts., c.l., same basis.	lb.	.11¾- —
seeds and dust, bskts., c.l., same basis.	lb.	.05¾- —
Pontianak, bold, genuine, bgs., same basis.	lb.	.16¼- —
mixed, bgs., c.l., same basis.	lb.	.14 - —
chips, bgs., c.l., same basis,	lb.	.06¾- —
split, bgs., c.l., same basis.	lb.	.13¾- —
nubs, bgs., c.l., same basis.	lb.	.12¼- —
Gum, dammar, Batavia, A, cs., c.l., same basis as copal.	lb.	.21¾- —
A/D, cs., c.l., same basis.	lb.	.16¾- —
A/E, cs., c.l., same basis.	lb.	.13¾- —
B, cs., c.l., same basis	lb.	.20¼- —
C, cs., c.l., same basis	lb.	.16¾- —
D, cs., c.l., same basis.	lb.	.13¾- —
dust., cs., c.l., same basis.	lb.	.06 - —
E, cs., c.l., same basis	lb.	.07¾- —
F, cs., c.l., same basis	lb.	.07¼- —
Singapore 1, cs., c.l., same basis.	lb.	.17¾- —
2, cs, c.l., same basis.	lb.	.11¾- —
3, cs., c.l., same basis.	lb.	.05½- —
chips, cs., c.l., same basis.	lb.	.11¾- —
dust., cs., c.l., same basis.	lb.	.05¼- —
seeds, cs., c.l., same basis.	lb.	.08¼- —
Elemi, cns., c.l., same basis as copal.	lb.	.08½- —
Ester, dms., dlvd., New England, N. J., eastern N. Y. and Pa., Del., and Md., 75,000 lbs., contrs. or single shipt., 10,000 lbs.,	lb.	.06¾- .07
less than 10,000 lbs., same basis.	lb.	.07 - .07½
dlvd., western N. Y. and Pa., Ohio, Mich., Ind., Ill., Wis., Minn., Iowa, Mo., Ky., Va., W. Va., and N. C., 75,000 lbs., contrs. or stright c.l.,	lb.	.07½- .07½
l.c.l., same basis	lb.	.07½- .08
dlvd., elsewhere, 75,000 lbs., contrs. or straight, c.l.	lb.	.07½- .08
l.c.l., same basis	lb.	.07¾- .08¼
Euphorbium, cs	lb.	.17 - .18
Galbanum, cs	lb.	.90 - .95
Gamboge, pipe, cs	lb.	.65 - .70
powd., bbls	lb.	.70 - .75
Ghatti, soluble, bgs	lb.	.11 - .15
superior, bgs	lb.	.09 - .11
Guaiac (see Gualac resin).		
Karava, bbls., bxs., dms	lb.	.14½- .23
Kauri, brown, XXX, cs., c.l.,	lb.	.60 - —
BX, cs., c.l., same basis.	lb.	.38 - —
B1, cs., c.l., same basis.	lb.	.28 - —
B2, cs., c.l., same basis.	lb.	.24 - —
B3, cs., c.l., same basis.	lb.	.18¼- —
80% chips, cs., c.l., same basis.	lb.	.12½- —
pale, XXX, cs., c.l., same basis.	lb.	.61 - —
1, cs., c.l., same basis.	lb.	.41 - —
2, cs., c.l., same basis.	lb.	.24 - —
3, cs., c.l., same basis.	lb.	.17¾- —
Kino, tins	lb.	2.50 - 2.75
Mastic, cs., c.l., same basis as copal.	lb.	.55 - .56
Myrrh, USP, cs	lb.	.35 - .36
Olibanum, siftings, bls	lb.	.07½- .18
tears, cs.	lb.	.18 - .24
Opium (see O)		
Rosin (see R)		
Sandarac, cks., c.l., same basis as copal.	lb.	.25 - .26
Scammony, cs	lb.	1.10 - 1.15
Senegal, picked, bgs	lb.	.25 - .27
sorts, bgs	lb.	.09¼- .09½
Talha, bgs	lb.	.07½- 08
Thus, bbls	280 lbs.	14.00 -14.25
Tragacanth, Alleppo 1, cs.	lb.	2.65 - 2.70
2, cs	lb.	2.35 - 2.40
3, cs	lb.	2.30 - 2.35
4, cs	lb.	2.25 - 2.30
5, cs	lb.	2.20 - 2.25
Flake, bgs	lb.	.50 - 1.00
Yacca, bgs., c.l., same basis as copal.	lb.	.03½- —
powd., bgs., c.l., same basis.	lb.	.04½- —
Gypsum, Keene's cement, paper bgs., c.l., f.o.b. Acme, Tex., frt. equald.	ton.	21.15 - —
Medicine Lodge, Kans., frt. equald.	ton.	17.00 - —
New Brighton, N. Y., frt. equald.	ton.	27.15 - —
Southard, Okla., frt. equald.	ton.	17.00 - —
Sweetwater, Tex., frt. equald.	ton.	21.15 - —
plaster of paris, paper bgs., c.l., f.o.b. Acme, Tex., frt. equald.	ton.	12.50 - —
Blue Rapids, Kans., frt. equald.	ton.	12.50 - —
New Brighton, N. Y., frt. equald.	ton.	15.70 - —
Brighton, N. Y., frt. equald.	ton.	15.70 - —
Southard, Okla., frt. equald.	ton.	12.50 - —
Sweetwater, Tex., frt. equald.	ton.	12.50 - —
stucco, paper bgs., c.l., f.o.b. Acme, Texas; Blue Rapids, Kans.; Fort Dodge, Ia.; Grand Rapids, Mich.; Gypsum, O.; New Brighton, N. Y.; Oakfield, N. Y.; Plasterco, Va.; Southard, Okla., Sweetwater, Tex., frt. equald,	ton.	8.00 - —
Terra alba, dom., paper bgs., c.l., f.o.b. New Brighton, N. Y.; Southard, Okla., frt. equald.	ton.	12.00 - —
import, bgs., ex dock	ton.	27.50 - —

H

Heliotropin, cryst., cns	lb.	1.80 - 2.20
Hellebore, white, root, powd., bbls.	lb.	.12 - .13
Helonias root, bls	lb.	.59 - .60
Hematine crystals, bbls	lb.	.18 - .28
Hemlock extract, 25% tan., bbls.	lb.	.03 - .04
Hempseed, Manchur, bgs	lb.	.06 - .06½
Henbane leaves, bls	lb.	.15 - .16
Henna leaves, bls	lb.	.07½- .08
powd., bbls., bxs	lb.	.10 - .11
Heptane, mixed, 77-115°C., dms., c.l., Group 3	gal.	.11 - —
l.c.l., Group 3	gal.	.16 - —
tanks, Group 3	gal.	.08½- —
normal, 86-100°, dms., c.l., Group 3	gal.	.11½- —
l.c.l., Group 3	gal.	.17 - —
tanks, Group 3	gal.	.09½- —
Hexaline, dms	lb.	.30 - —
Hexane, normal, 60-70° C., dms., c.l., Group 3	gal.	.12½- —
l.c.l., Group 3	gal.	.17 - —
tanks, Group 3	gal.	.10½- —
laboratory grade, dms., c.l., Group 3	gal.	.14 - —
l.c.l., Group 3	gal.	.25 - —
Hexamethylenetetramine, tech., dms., 1,500 lbs. or more shipments, f.o.b. Perth Amboy or N. Y. C.	lb.	.35 - —
150 to 1,350 lbs. shipments, same basis.	lb.	.36 - —
USP, dms., 500 lbs., or more, shipments, same basis,	lb.	.46 - —
100 to 400 lbs., shipments, same basis.	lb.	.47 - —
Hexyl acetate, secondary, dms., c.l., frt. pd. E. of Rocky Mts.	lb.	.13 - —
l.c.l., same terms	lb.	.13½- —
tanks, same terms	lb.	.12 - —

Homatropine hydrobromide, bots.,
50 ozs..oz.13.00 - —
25 ozs.....oz.13.50 - —
Hoofmeal, 17-18% ammon., bulk,
f.o.b. Chicago..unit-ton. 2.35 - —
Hops, N. F., bls.....lb. .17 - .27
Horehound, bls. .....lb. .10 - .11
Hydrangea root, bls.....lb. .09 - .10
Hydrastine, bots., 4 ozs.....oz.17.25 - —
cns., 16 ozs.....oz.17.00 - —
Hydrochloride, bots., 4 ozs...oz.17.25 - —
cns., 16 oz. .....oz.17.00 - —
Sulphate, bots., 4 ozs.....oz.19.25 - —
cns., 16 oz. .....oz.19.00 - —
Hydrastis (see Golden seal).
Hydrofuramide, dms., 100 lbs. or more, works..lb. .30 - —
fib. ctns., works.....lb. .40 - —
Hydrogen peroxide, USP, bbls.lb. .03¾- .04
100 vols., cbys., E.ofMiss.R.lb. .20 - —
Hydroquinone, dealers, bbls., dms..lb. .90 - .94
Hydroxycitronellal, cns.....lb. 2.00 - 2.50
Hyoscine hydrobromide, bots..oz.18.00 -19.00
Hyoscyamine, bots.....oz.15.00 - —
Hydrobromide, bots.....oz.15.00 - —
Sulphate, bots.....oz.15.00 - —
Hypernic, liq., 51°, bbls.....lb. .16 - .21
solid, bxs. .....lb. .18½- .20½

I

Iceland moss, bls.....lb. .12 - .13
Ichthyol, bots.....lb. 4.00 - 4.25
Indian red (see Red, Indian).
Indigo, nat., Madras, cs.....lb. 1.63 - 1.67
synth., liq., bbls.....lb. .16½- .19
powd., bbls.....lb. .74½- .85
Indol, CP, bots.....lb.32.00 -34.00
Insect flowers (see Pyrethrum).
Iodine, crude, jars, 25 lbs.....lb. 1.01 - —
kgs., 150 lbs.....lb. .95 - —
resubl., bots., 5 lbs.....lb. 1.60 - —
jars, 50 lbs.....lb. 1.60 - —
tincture, USP, bbls., 47 gals., gal. 1.55 - —
cbys., 5 gals.....gal. 1.65 - —
mild, bbls., 47 gals.....gal. .80 - —
cbys., 5 gals.....gal. .90 - —
Iodoform, dms., 100 lbs.....lb. 3.75 - —
jars, 25 lbs.....lb. 3.85 - —
Ionone, bots.....lb. 1.30 - 4.05
Ipecac root, bgs.....lb. 1.10 - 1.15
powd., bxs.....lb. 1.20 - 1.25
Irish moss, ordinary, bls.....lb. .10 - .11
powd., 80-90 mesh, bbls...lb. .20 - .22
prime, bleached, bls.....lb. .18 - .20
Iron acetate, N. F. IV, cbys., 100 lbs..lb. .15 - —
djns., 50 lbs.....lb. .16 - —
liquor, bbls., c.l., dlvd....lb. .06 - —
l.c.l., dlvd.....lb. .04 - —
Chloride (ferric), tech., anhyd., 200-lb. dms..100 lbs. 4.65 - 6.25
150-lb. dms.....100 lbs. 5.00 - 6.60
cryst., bbls., works, frt. alld. or equid..lb. .05 - .06
kegs, works, frt. alld. or equid..lb. .07½- .08
liquor, cbys., works, frt. alld. or equid..lb. .05 - .06
USP X, cryst., bbls.....lb. .07½- —
kegs .....lb. .08½- —
USP solut., cbys., works, frt. alld. or equid..lb. .06½- .07
djns .....lb. .07½- —
Citrate, USP VIII, pearls, cns., lb. .72 - .75
powd., cns.....lb. .84 - .87
scales, cns.....lb. .77 - .80
Glycerophosphate, bbls., kgs., 1,000 lb. lots..lb. 2.87 - —
smaller lots.....lb. 2.97 - —
cns., 25 lbs.....lb. 3.09 - —
Hypophosphite, cns.....lb. 1.55 - 1.60
Iodide, bots.....lb. 2.85 - 3.00
syrup, djns.....lb. .37 - .38
bots. .....lb. .52 - —
Nitrate, coml., kgs.....lb. .02¾- .03
Oxalate, powd., kgs.....lb. .47 - —
cns. .....lb. .52 - —
scales, cns.....lb. .53 - .56
Oxide (see Black, Red, etc.).
Phosphate, ferric, pearls, cns., 50 lbs..lb. .54 - —
25 lbs.....lb. .57 - —
scales, cns., 50 lbs.....lb. .59 - —
25 lbs.....lb. .62 - —
Ferrous, bbls., 200 lbs.....lb. .35 - —
bxs., 25 lbs.....lb. .40 - —
kgs., 100 lbs.....lb. .37 - —
Pyrophosphate, pearls, cns..lb. .59 - .62
scales, cns.....lb. .64 - .67
Reduced, 90%, cs.....lb. .60 - .65
Sulphate, tech. (see Copperas and ferric sulphate).
USP, cryst., bbls., 275 lbs. lb. .04½- —
dms., 100 lbs.....lb. .06½- —
Iron-ammonia citrate, brown, gran., cns..lb. .37 - .40
pearls, cns.....lb. .37 - .40
scales, cns.....lb. .37 - .40
green, gran., cns.....lb. .37 - .40
pearls, cns.....lb. .37 - .40
scales, cns.....lb. .47 - .50
Oxalate, bxs.....lb. .30 - —
fib., dms.....lb. .23½- —
kgs. .....lb. .25½- —
Iron-potash oxalate, bbls.....lb. .42 - —
kgs. .....lb. .44 - —
jars .....lb. .48 - —
Iron-soda oxalate, bxs.....lb. .30 - —
fib., dms.....lb. .23½- —
kgs. .....lb. .25½- —
Isobutyl carbinol (see Carbinol).
Isopentane, dms., works.....lb. .48 - —
small lots, works.....lb. .50 - —
Isopropanol (see Alcohol, isopropyl).
Isopropyl acetate, dms., c.l., frt. pd. E. of Rocky Mts..lb. .06½- —
l.c.l., same terms.....lb. .07 - —
tanks, same terms.....lb. .06½- —
Isopropyl alcohol (see Alcohol).
Ether, dms., c.l., works, frt. alld. E. of Miss R..lb. .07 - —
l.c.l. .....lb. .08 - —
tanks .....lb. .06 - —

J

Jaborandi leaves, bls.....lb. .10 - .11
Jalap root, NF, bls.....lb. .16 - .17
powd., bbls., bxs.....lb. .20 - .21
Juniper berries, bgs.....lb. .03¾- .04

K

Kamala, tins .....lb. .32 - .33
Kava kava root, bls.....lb. .15 - .16
Kerosene, at refinery:—
Bayonne,41-43 w.w., tanks.gal. .05¾- —
Gulf ports, p.w., bulk, export, gal. .03¾- —
w.w., bulk..gal. .03¾- .04
Louisiana - Arkansas, 41-43 w.w., bulk..gal. .04¾- .04½
Oklahoma-Texas, 41-43 w.w., tanks..gal. .04 - .04¾
42-44 w.w., tanks.....gal. .04½- .04½
Pennsylvania, 45 w.w., tanks, gal. .04¾- —
46 w.w., tanks.....gal. .05 - —
47 w.w., tanks.....gal. .05½- —

Kerosene, tankwagon:—
Atlanta .....gal. .14 - —
Boston .....gal. .08½- —
Chicago .....gal. .10½- —
Cincinnati .....gal. .13 - —
Denver .....gal. .11½- —
Louisville .....gal. .10½- —
Minneapolis .....gal. .100 - —
New Orleans .....gal. .12 - —
New York .....gal. .08¾- —
San Francisco .....gal. .11½- —
Kerosene distillate (see Oil, furnace).
Kieserite, calc., 96-98% $MgSO_4$ bgs., c.l., ex vessel Atlantic, Gulf ports, duty pd..ton. No prices
Kola nuts, bgs.....lb. .07½- .08

L

Lady slipper root, bls.....lb. .55 - .60
Lanolin (see Adeps lanae).
Lard, city, tubs.....100 lbs. 9.00 - 9.25
Middlewestern, trcs...100 lbs. 9.00 - 9.10
Neutral, trcs.....100 lbs. 9.75 -10.25
Western, choice, trcs.100 lbs. 9.10 - 9.15
Compound, trcs.....100 lbs.10.25 -10.50
Larkspur seed, bgs.....lb. .30 - .33
Laurel berries, bls.....lb. .09 - .10
Leaves, Ital., bls.....lb. .04½- .05
Lavender flowers, ordinary, bls.lb. .35 - .40
select, bls. .....lb. .46 - .48
Lead acetate, white, broken, bbls..lb. .10 - —
cryst., bbls.....lb. .10 - —
gran., bbls.....lb. .10¾- —
powd., bbls.....lb. .10¾- —
Arsenate, bgs., dealers E. of Rockies..lb. .12½- —
W. of Rockies.....lb. .12½- —
l.c.l., bgs., dealers, E. of Rockies..lb. .13 - —
W. of Rockies.....lb. .12¾- —
Lead arsenate prices are works or whse basis, frt. alld. to dest. in lots of 96 lbs. or over; no frt. or truck allowance for works or whse pick ups.
Blue, basic sulphate, bbls., c.l., dlvd., E..lb. .05¼- —
dlvd. Ariz., Cal., Col., Idaho, Mont., Nev., N. M., Ore., Utah, Wash., Wyo. .....lb. .05½- —
l.c.l., dlvd., E.....lb. .05¾- —
dlvd. Ariz., Cal., Col., Idaho, Mont., Nev., N. M., Ore., Utah, Wash., Wyo. .....lb. .05¾- —
Carbonate (see Lead, white).
Chloride, pure, bots., 5 lbs..lb. .62 - —
fib. dms., 25 lbs.....lb. .49 - —
Iodide, N. F., V., powd., bots., 5 lbs..lb. 2.52 - —
jars .....lb. 2.40 - —
Linoleate, pale, precip., dms., lb. .19 - —
Metal (see daily quotations in market report).
Metallic, paste, 200-lb. cont., f.o.b. works..lb. .17½- —
5-lb. cont., f.o.b. works....lb. .20½- —
Nitrate, bbls.....lb. .10 - .13
Oleate, bbls.....lb. .18½- .20
Peroxide, cns., works.....lb. .46 - .47
Red, dry, 95% or less, Pb_3O_4, bbls., c.l., (20 tons), dlvd., Ala., Ariz., Ark., Colo., Fla., Ga., Idaho, La., Miss., Mont., Nev., N. Mex., Okla., Tex., Utah, Wyo., and E. of Cascade Mts. in Ore. and Wash..lb. .07½- —
other points .....lb. .07¼- —
l.c.l., 5 tons, dlvd., Ala., Ark., Cal., Fla., Ga., La., Miss., Okla., Tex. and W. of Cascade Mts. in Ore. and Wash..lb. .08 - —
Ariz., Idaho, Nev., Utah and E. of Cascade Mts. in Ore. and Wash..lb. .08½- —
Colo., Mont., N. Mex., Wyo..lb. .08¼- —
other points ....lb. .07¾- —
smaller lots, dlvd., Ala., etc..lb. .08½- —
Ariz., etc. .....lb. .09 - —
Colo., etc. .....lb. .08¾- —
other points ....lb. .08¼- —
97%, Pb_3O_4, bbls., c.l. (20 tons), dlvd. Ala., etc. lb. .07¾- —
other points....lb. .07½- —
l.c.l., 5 tons, dlvd., Ala., etc..lb. .08¼- —
Ariz., etc. .....lb. .08¾- —
Colo., etc. .....lb. .08½- —
other points ....lb. .08 - —
smaller lots dlvd., Ala etc..lb. .08¾- —
Ariz., etc. .....lb. .09¼- —
Colo., etc. .....lb. .09 - —
other points ....lb. .08½- —
98%, Pb_3O_4, bbls., c.l., (20 tons), dlvd., Ala., etc..lb. .08 - —
other points ....lb. .07½- —
l.c.l., 5 tons, dlvd., Ala., etc..lb. .08½- —
Ariz., etc. .....lb. .09 - —
Colo., etc. .....lb. .08¾- —
other points ....lb. .08¼- —
smaller lots, dlvd. Ala., etc..lb. .09 - —
Ariz., etc. .....lb. .09½- —
Colo., etc. .....lb. .09¼- —
other points .....lb. .08¾- —
in oil, 95% min., 100-lb. kgs., lb. .11¾- —
Resinate, fused, 16%, bbls...lb. .09½- —
pale, bbls.....lb. .11½- —
precip., bbls.....lb. .16½- —
Stearate, bbls. .....lb. .22 - .23
Sulphate (see Lead, white, basic sulphate).
Titanate, bbls., c.l., f.o.b. works, frt. alld..lb. .11 - —
l.c.l., 5 tons, one delvy, dlvd., lb. .11¼- —
smaller lots .....lb. .11½- —
White, dry, basic carbonate, bbls., c.l., dlvd. Ariz., Cal., Colo., Idaho, Mont., Nev., N. Mex., Ore., Utah, Wash. and Wyo..lb. .06¼- —
other points.....lb. .06 - —
l.c.l., dlvd., Ariz., etc.lb. .06½- —
other points.....lb. .06¼- —
basic sulphate, bbls., c.l., dlvd., Ariz., etc..lb. .05½- —
other points .....lb. .05¼- —
l.c.l., dlvd., Ariz., etc....lb. .05¾- —
other points.....lb. .05½- —
in oil, 100-lb. kgs., consumers, lb. .11¼- —
dealers .....lb. .09¼- —
painters .....lb. .10¼- —
Lemon peel, bls.....lb. .09 - .10
Licorice extract, mass, cs.....lb. .17 - .18
powd., bbls.....lb. .24 - .25
Root, bls.....lb. .04½- .05
powd., bbls., bxs.....lb. .07 - .08
select, bndls., cs.....lb. .16 - .17
Lime, chemical (quicklime), lump or pebble, bulk, f.o.b. Bellefonte, Pa. ....ton. 7.50 - —
Berkley, W. Va.....ton. 7.50 - —
California, northern..ton.11.80 - —
southern .....ton.11.45 - —

Lime, chemical (quicklime), lump or pebble, bulk, f.o.b.
Cedar Hollow, Pa...ton. 8.00 - —
Chicago .....ton. 7.25 - —
Crab Orchard, Tenn.ton. 6.25 - —
Dallas, Texas.....ton. 8.50 - —
Durbin, Ohio.....ton. 6.50 - —
Eagle Mountain, Va.ton. 7.00 - —
Easton, La. .....ton. 8.00 - —
Farnams, Mass. ....ton. 8.00 - —
Gibsonburg, Ohio....ton. 7.00 - —
Hannibal, Mo.....ton. 6.50 - —
Keystone, Ala. .....ton. 7.00 - —
Knoxville, Tenn. ....ton. 6.25 - —
Leroy, Minn.....ton. 8.00 - —
Limedale, Ark.....ton. 7.00 - —
Longview, Ala.....ton. 6.25 - —
Marble Cliff, Ohio....ton. 6.50 - —
Marblehead, Ohio....ton. 7.50 - —
Martinsburg, W. Va.ton. 7.50 - —
Menominee, Mich....ton. 8.00 - —
Mitchell, Ind.....ton. 6.50 - —
Newala, Ala.....ton. 9.25 - —
Potoskey, Mich.....ton. 8.00 - —
Port Island, Mich....ton. 7.50 - —
Rippiemead, Va. ....ton. 7.00 - —
Riverton, Va. .....ton. 7.00 - —
Scioto, Ohio.....ton. 6.00 - —
Sheboygan, Wis.....ton. 7.00 - —
Sherwood, Wis.....ton. 7.50 - —
Springfield, Mo.....ton. 7.00 - —
Woodville, Ohio.....ton. 7.00 - —
Lime, chemical, hydrated, paper bags, f.o.b. Bellefonte, Pa..ton. 9.00 - —
Berkley, W. Va.....ton. 9.00 - —
Buffalo .....ton.10.00 - —
California, northern..ton.15.30 - —
southern .....ton.13.95 - —
Cedar Hollow, Pa...ton. 8.50 - —
Chicago .....ton. 9.50 - —
Crab Orchard, Tenn.ton. 9.00 - —
Dallas, Tex.....ton.12.00 - —
Durbin, Ohio.....ton. 8.00 - —
Eagle Mountain, Va.ton. 9.00 - —
Easton, La. .....ton.10.00 - —
Farnams, Mass. ....ton. 9.50 - —
Gibsonburg, Ohio....ton. 8.50 - —
Hannibal, Mo.....ton. 8.50 - —
Keystone, Ala.....ton. 9.00 - —
Knoxville, Tenn.....ton. 9.00 - —
Limedale, Ark.....ton. 9.00 - —
Longview, Ala.....ton. 9.00 - —
Louisville, Ky.....ton.14.50 - —
Marble Cliff, Ohio...ton. 8.00 - —
Marblehead, Ohio....ton. 8.50 - —
Martinsburg, W. Va.ton. 9.00 - —
Milltown, Ind.....ton.12.50 - —
Mitchell, Ind.....ton. 9.00 - —
Newala, Ala.....ton. 9.00 - —
Pelham, Ala.....ton. 9.00 - —
Potoskey, Mich.....ton. 9.00 - —
Port Island, Mich....ton. 9.00 - —
Rapid City, S. D.....ton.12.00 - —
Rippiemead, Va. ....ton. 9.00 - —
Riverton, Va.....ton. 9.00 - —
Scioto, Ohio.....ton. 8.00 - —
Sherwood, Wis. .....ton. 9.00 - —
Siluria, Ala. .....ton. 9.00 - —
Springfield, Mo. .....ton. 9.00 - —
Woodville, Ohio.....ton. 8.50 - —
spray, paper bgs., f.o.b., Bellefonte, Pa.....ton. 9.00 - —
Durbin, Ohio .....ton. 9.00 - —
Farnams, Mass.....ton. 9.00 - —
Gibsonburg, Ohio.....ton.11.00 - —
Marble Cliff, Ohio....ton.11.00 - —
Marblehead, Ohio....ton.11.00 - —
Mitchell, Ind. .....ton. 9.00 - —
Scioto, Ohio .....ton. 9.00 - —
Sherwood, Wis. .....ton. 9.00 - —
Woodville, Ohio.....ton.11.00 - —
Lime salts (see Calcium)
Lime-sulphur, dry, dealers, bgs., c.l., E. of and incl. N. Dak., S. Dak., Neb., Kan., Okla., Tex..lb. .07¼- .08¼
dms., same basis.....lb. .10¼- —
400 lbs., or more, bgs., same basis..lb. .07¾- .08¼
dms., same basis.....lb. .11 - —
less than 400 lbs., same basis, lb. .08¼- .09¼
dms., same basis.....lb. .12 - —
solution, zone 1, dms., consumer. gal. .10 - —
Zone 2, tanks, dealers, wks., gal. .08¼- —
30-50 dms.....gal. .11 - .15
Zone 3, tanks, dealers, dlvd., gal. .11¼- —
30-50 dms.....gal. .14 - .18
Zone 4, tanks, dealers, wks., gal. .08 - —
dms., c.l. and l.c.l....gal. .13 - .14
Zone 5, tanks, dealers, dlvd., gal. .12¼- —
c.l. and l.c.l.....gal. .13 - .14
Zone 6, tanks, dealers....gal. .07¼- —
30-50 dms.....gal. .09 - .13
Prices for lime sulphur solution are f.o.b. warehouse points, freight allowed. Zone 1 includes Ga., S. C., Ala., N. C., except the counties of Ashe, Surry, Stokes, Rockingham and Alleghany; Tenn., east of Tenn. River. Zone 2: New England States. Zone 3: Ark., Ohio, Ind., Ill., Ia., Ky., Mich., Wis., Minn., Mo., and Tenn., west of Tenn River; Penna., eastern tier, and W. Va., western tier. Zone 4: West of Rocky Mountains, except southern California, which makes up Zone 5. Zone 6: N. Y. east of Herkimer, N. J., Md., Del., Va., Pa.—all counties lying east of the western boundary of Bedford, Blair, Center, Clinton and Potter, W. Va.—counties of Mineral, Hampshire, Morgan, Berkeley, Jefferson, and Hardy, N. C.—counties of Ashe, Alleghany, Surry, Stokes, and Rockingham.
Linalool, cns.....lb. 2.10 - 6.30
Linalyl acetate, cns., 25 lbs...lb. 1.35 - 2.25
Linden flowers, with leaves, bls.lb. .19 - .20
without leaves, bls.....lb. .16 - .17
Linseed cake, bgs., export....ton.31.50 -31.75
Meal, 34%, dcm., bgs.....ton.44.00 - —
Litharge, com'l, powd., bbls., 20-tons dlvd. Ala., Ariz., Ark., Colo., Fla., Ga., Idaho, La., Miss., Mont., Nev., N. Mex., Okla., Tex., Utah, Wyo., and E. of Cascade Mts. in Ore. and Wash..lb. .06½- —
dlvd., other points.....lb. .06¾- —
5 tons, dlvd., Ala., Ark., Cal., Fla., Ga., La., Miss., Okla., Tex. and W. of Cascade Mts. in Ore. and Wash.....lb. .07 - —
Ariz., Idaho, Nev., Utah, and E. of Cascade Mts. in Ore. and Wash..lb. .07½- —
Colo., Mont., N. Mex., Wyo..lb. .07 - —
other points .....lb. .06¾- —
smaller lots, dlvd., Ala., etc. lb. .07½- —
Ariz., etc. .....lb. .08 - —
Colo., etc. .....lb. .07¾- —
other points .....lb. .07¼- —
Lithium bromide, bbls., 100 lbs., works, frt. equal'd..lb. 1.90 - —
50 lbs., works.....lb. 1.93 - —
25 lbs., works.....lb. 1.95 - —
Carbonate, 250-lb., bbls.....lb. 1.25 - —
100-lb. kgs.....lb. 1.30 - —
Chloride, 25-lb. jars.....lb. 1.65 - 1.70
Citrate, 250-lb. bbls.....lb. 1.40 - —
25-lb. dms.....lb. 1.45 - —
100-lb. kgs.....lb. 1.40 - —
Iodide, 5-lb. bots.....lb. 4.85 - —
25-lb. jars.....lb. 4.70 - —
Fluoride, bbls. .....lb. 2.10 - 2.25

Homatropine—Manganese

Lithopone, dom.,high-strength,bgs., 20 tons, dlvd., E. or ex whse. Pac. Cst.....lb. .05⅝- —
smaller lots, same basis.lb. .05¾- —
bbls., 20 tons, same basis, lb. .05⅝- —
smaller lots, same basis.lb. .06¼- —
ordinary, bgs., 20 tons, same basis..lb. .04½- —
smaller lots, same basis.lb. .04⅝- —
bbls., 20 tons, same basis, lb. .04¾- —
smaller lots, same basis.lb. .04⅞- —
titanated, bgs., 20 tons, same basis..lb. .05⅝- —
smaller lots, same basis.lb. .05⅞- —
bbls., 20 tons, same basis, lb. .05⅞- —
smaller lots, same basis.lb. .06¼- —
Liverwort leaves, bls.....lb. .18 - .19
Lobelia herb, bls.....lb. .13 - .14
Seed, bgs. .....lb. .40 - .45
Logwood extract, cryst., bbls..lb. .18 - .24
liquid, 51°, bbls.....lb. .09½- .11½
solid, bxs. .....lb. .15 - .19
Lovage root, dom., bls.....lb. .55 - .65
import, bls. .....lb. .35 - .37
Lupulin, N.E., tins.....lb. 1.15 - 1.50
Lycopodium, cs. .....lb. 1.05 - 1.10

M

Mace, Banda, cs.....lb. .51 - .52
Batavia, cs.....lb. .43 - .43½
Siauw, 1, cs.....lb. .46 - .47
Madder, Dutch, bbls.....lb. .22 - .23
Magnesia arsenate, cyl.....lb. .18 - .20
Calcined, light, tech., bbls., same basis, 1,000 to 5,000 lbs. lb. .23 - —
200 to 1,000 lbs....lb. .24 - —
single bbls., cs., or carton..lb. .25 - —
1-lb. tins, same basis, 1,000 to 5,000 lbs..lb. .45 - —
200 to 1,000 lbs.....lb. .46 - —
single tin .....lb. .47 - —
USP, bbls., same basis, 1,000 to 5,000 lbs..lb. .24 - —
200 to 1,000 lbs....lb. .25 - —
single bbl., cs., or carton..lb. .48 - —
Special light, USP, bbls., same basis, 1,000 to 5,000 lbs. lb. .26 - —
200 to 1,000 lbs.....lb. .27 - —
single bbl., cs., or carton..lb. .28 - —
Heavy, tech., bbls., same basis, 1,000 to 5,000 lbs. lb. .29 - —
200 to 1,000 lbs....lb. .30 - —
single bbl., cs., or carton..lb. .31 - —
1-lb. pkgs., same basis, 1,000 to 5,000 lbs...lb. .50 - —
200 to 1,000 lbs.....lb. .51 - —
single pkg. .....lb. .52 - —
USP, bbls, same basis, 1,000 to 5,000 lbs..lb. .30 - —
200 to 1,000 lbs....lb. .31 - —
single bbl., cs., or carton..lb. .32 - —
1-lb. pkgs., same basis, 1,000 to 5,000 lbs... lb. .51 - —
200 to 1,000 lbs.....lb. .52 - —
single pkg. .....lb. .53 - —
Carbonate, tech., Zone 1, bgs., c.l..lb. .06¼- —
l.c.l. .....lb. .07 - —
bbls., c.l.....lb. .07¼- —
l.c.l. .....lb. .08 - —
kgs., c.l.....lb. .08¾- —
l.c.l. .....lb. .09½- —
USP, Zone 1, bbls., c.l.....lb. .08¼- —
l.c.l. .....lb. .09 - —
kgs., c.l.....lb. .09¾- —
l.c.l. .....lb. .10½- —
Magnesia zones:—Zone 1—Mass., Conn., R. I., N. Y., N. J., Pa., Del., and Md. Zone 2, balance of U. S. C.l., shipm'ts, full fr't alld. up to, but not exceeding 25c. per 100 lbs., actually paid by customers. On l.c.l. shipm'ts, frt. alld. including dlvd. store-door. Magnesia prices are f.o.b., Plymouth meeting house.
Chloride, flake, dom., bbls., works..ton.39.00 -42.00
Hypophosphite, cns., 100 lbs.lb. 1.45 - —
25 lbs. .....lb. 1.50 - —
Oxide (see Calcined).
Palmitate, bbls. .....lb. .33 Nom.
Peroxide, 15%, dms., works.lb. 1.00 - 1.35
Silicate (see Talc).
Silicofluoride, bbls.....lb. .09½- .10½
Stearate, bbls., ctns., c.l.....lb. .21 - —
1 ton .....lb. .22 - —
1,000-2,000 lbs. .....lb. .23 - —
smaller lots .....lb. .24 - —
Sulphate (see Epsom salt).
Magnesite, cal., dom., bgs....ton.56.00 -60.00
import, bbls.....ton.60.00 -65.00
dead-burned, dom., bulk, c.l., f.o.b. Chewelah, Wash....ton.25.00 - —
Magnesium hydroxide, medicinal, bbls., 200 lbs..lb. .29 - —
dms., 25 lbs.....lb. .34 - —
kgs., 100 lbs.....lb. .30 - —
Trisilicate, cs., 500-lb. lots..lb. .53 - —
100-lb. lots .....lb. .55 - —
cns. .....lb. .75 - .80
Malva flowers, black, bls.....lb. .45 - .47
blue, bls. .....lb. .45 - .50
Leaves, bls. .....lb. .11 - .12
Manaca root, bls. .....lb. .20 - .21
Mandrake root, bls.....lb. .13 - .14
Manganese acetate, dms.....lb. .26½- —
Arsenate, bgs. .....lb. .12 - .12½
Borate, tech., bbls.....lb. .15 - .16
Carbonate, bbls. .....lb. .19 - —
Chloride, bbls. .....lb. .07½- .07¾
Dioxide, Caucasian, 85-90%, bbls., c.l., works..ton.61.50 - —
l.c.l., 5 tons, works..ton.64.50 - —
smaller lots, works..ton.69.50 - —
burlap bgs., c.l., works.ton.59.50 - —
l.c.l., 5 tons, works..ton.62.50 - —
smaller lots, works.ton.67.50 - —
paper bgs., c.l., works.ton.57.50 - —
l.c.l., 5 tons, works.ton.60.50 - —
84-87% bgs., 28-40 tons, wks. ton.57.00 - —
5-15 tons, wks.....ton.60.00 - —
½-4 tons, wks.....ton.65.00 - —
300-600 lbs., wks....ton.75.00 - —
Glycerophosphate, bbls., kgs., 1,000-lb. lots ....lb. 2.01 - —
smaller lots .....lb. 2.71 - —
cns., 25 lbs. .....lb. 2.83 - —
solut., djns., 1,000-lb. lots, lb. .61 - —
smaller lots .....lb. .71 - —
cns., 25 lbs. .....lb. .81 - —
Hydrate, bbls., dlvd.....lb. .82 - —
Iodide, bots., 5 lbs.....lb. 5.25 - —
jars, 25 lbs. .....lb. 6.10 - —
Linoleate, liquid, 4%, dms...lb. .18 - .19½
solid, precip., 8.2%, bbls..lb. .19 - —
Ore, 50-52% basis, bbls., c.l., At. ports..unit-ton.45.00 -47.00
Resinate, fused, 3½%, bbls.lb. .08¾- .09½
precip., dms. .....lb. .12 - —
Sulphate, anhyd., bbls., works, lb. .07 - .07½
cryst., 65% $MnSO_4$, bgs., c.l., dlvd. South..ton.48.75 - —
l.c.l., bgs. .....ton.55.75 - —

Manganese Sulph.—Monomethyl

Manganese sulphate, 80-85%, bgs., c.l., works, frt. alld. to S.F.A. territory..unit-ton. .75 - —
l.c.l., 5 tons, works...lb. .03½- —
smaller lots, works..lb. .04 - —
Mangrove bark, bgs., shipt..ton.25.00 - —
Manna flake, large, cs.....lb. .40 - .41
small, cs.....lb. .22 - .23
Mannitol, reagent, pure cryst., cs., works..lb. 1.30 - —
commercial, cryst., bbl., ton lots..lb. .55 - —
smaller lots.....lb. .70 - —
Marble flour, bgs.....ton.12.00 -14.00
Marjoram, French, bbls.....lb. .16 - .16½
Tunisan, bls. .....lb. .15½- .16
Matico leaves, bls.....lb. .24 - .25
Menthol, USP, natural, cs....lb. 3.00 - 3.10
synthetic, tech., cs.....lb. 2.25 - —
USP, cs. .....lb. 3.00 - —
liquid, dms., 50 lbs.....lb. 1 25 - —
Menthyl salicylate, tins, 100-lb. lots..lb. 3.00 - —
25-lb. lots .....lb. 3.10 - —
Mercurial ointment, 30%, pails, 50 lbs. .....lb. .77 - —
25 lbs. .....lb. .[illegible] - —
50%, pails, 50 lbs.....lb. 1.11 - —
25 lbs. .....lb. 1.13 - —
Mercury (see Quicksilver).
Bichloride (see Corrosive sublimate).
Bisulphate, bots., 5 lbs.....lb. 1.81 - —
fib., dms., 100 lbs.....lb. 1.68 - —
jars, 25 lbs.....lb. 1.70 - —
Chloride (see Calomel).
Mercury, iodide, red, N. F., bots., 5 lbs..lb. 3.56 - —
cns., 25 lbs.....lb. 3.45 - —
fib., dms., 100 lbs.....lb. 3.45 - —
yellow, bots., 5 lbs.....lb. 3.66 - —
cns., 25 lbs.....lb. 3.55 - —
fib., dms., 100 lbs.....lb. 3.55 - —
Nitrate ointment (see Citrine ointment).
Mercury, oxide red, N.F. (see Red precipitate).
tech. (see Red, mercury oxide).
Yellow, dom., tech., bbl....lb. 1.21 - —
USP, fib. dms., 50 lbs. or more..lb. 1.73 - —
Mercury and chalk, ctns., 5 lbs., lb. 1.22 - —
fib., dms., 25 lbs.....lb. 1.10 - 1.12
Mesityl oxide, cns., works.....lb. .25½- .27½
dms., c.l., works.....lb. .21 - —
l.c.l., works.....lb. .21½- —
tanks, works.....lb. .20 - —
Metal leaf, pkgs. of 20 books (500 leaves), aluminum, 5½x5½ in..pkg. 1.50 - 1.75
composition, 5½x5½in...pkg. 1.70 - 1.80
Gold, XX deep, 23K, 3⅜x3⅜ in..pkg.15.25 -15.75
3⅜x3⅜ in. .....pkg.16.15 -17.50
4x4 in. .....pkg.19.50 -20.00
3⅜x5⅞ in. .....pkg.22.50 -23.00
3⅜x5⅞ in.....pkg.24.50 -25.00
Silver, 3⅜x3⅜ in.....pkg. 2.75 - 2.85
Metanitroanilin, kgs.....lb. .67 Nom.
Metanitroparatoluidin, bbls....lb. 1.45 - —
Metaphenylenediamine, kgs....lb. .80 - —
Metatoluylenediamine, kgs.....lb. .65 - —
Methanol, natural, denat. grade, tanks..gal. .25 - —
97%, tanks.....gal. .32 - —
95%, tanks.....gal. .31 - —
Methyl acetone, tanks.....gal. .25 - —

Methanol in drums, car lots, is 5c. per gal. higher, frt. alld., east of the Rocky Mts. Prices on the Pacific Coast are 3c. higher on tanks and 4c. per gal. higher on drums, car lots.

pure, synth., dms., c.l., Zone 1, frt. alld..gal. .38 - —
2, frt. alld.....gal. .41 - —
3, frt. alld.....gal. .42 - —
4, frt. alld.....gal. .44 - —
l.c.l., Zone 1, frt. alld. or dlvd..gal. .40½- —
Methanol, pure, synth., dms., l.c.l., zone 2, frt. alld. or dlvd..gal. .47 - —
3, frt. alld. or dlvd..gal. .44½- —
4, frt. alld. or dlvd..gal. .60 - —
tanks, Zone 1, frt. alld.gal. .33 - —
2, frt. alld.....gal. .35½- —
3, frt. alld.....gal. .36½- —
4, frt. alld.....gal. .37 - —

Synthetic methanol sales zones are:—Zone 1, Conn., Del., D. C., Ill., Ind., Iowa, Ky., Me., Md., Mass., Mich., Minn., Mo., N. H., N. J., N. Y., N. C., Ohio, Penn., R. I., Tenn., Vt., Va., W. Va., Wis.; Zone 2, Ala., Ark., Col., Fla., Ga., Kans., La., Miss., Neb., N. D., Okla., S. C., S. D., Tex., Wyo.; Zone 3, Los Angeles, Cal., San Francisco, Cal., Portland, Ore., and Seattle, Wash.; Zone 4, Ariz., Cal., N. Mex., Mont., Nev., Idaho, Ore., Utah, Wash.

Methyl acetate, 97-99%, dms., c.l., E. of Miss. R..lb. .08 - —
W. of Miss. R.....lb. .09 - —
l.c.l., dms., dlvd. E. of Miss. R..lb. .08½- —
W. of Miss. R.....lb. .09½- —
tanks, dlvd. E. of Miss R. lb. .07 - —
W. of Miss. R.....lb. .08 - —
tech., dms., c.l., dlvd. E. of Miss. R..lb. .07½- —
W. of Miss. R.....lb. .08½- —
l.c.l., dlvd. E. of Miss. R..lb. .08 - —
W. of Miss. R. .....lb. .09 - —
tanks, dlvd. E. of Miss. R., lb. .06½- —
W. of Miss. R. .....lb. .07½- —
Acetoacetate, dms., c.l., works, frt. alld..lb. .29½- —
Methyl acetone, natural, tanks, gal. .25 - —

Methyl acetone in drums, car lots, is 5c. per gal. higher, frt. alld., east of Rocky Mts. Prices on Pacific Coast are 3c. per gal. higher on tanks and 4c. per gal. higher on drums, car lots.

Methyl, acetone, synthetic, dms., c.l., Zone 1, frt. alld. E. of Rockies..gal. .38 - —
2, frt. alld. E. of Rockies, gal. .41 - —
3, Pacific Coast.....gal. .42 - —
Zone 4.....gal. .44 - —
l.c.l., Zone 1, frt. alld. E. of Rockies..gal. .41 - —
2, frt., alld. E. of Rockies..gal. .475 - —
3, Pacific Coast.....gal. .45 - —
Zone 4.....gal. .605 - —
tanks, Zone 1, frt. alld. E. of Rockies.....gal. .315 - —
2, ft. alld. E. of Rockies, gal. .34 - —
3, Pacific Coast.....gal. .35 - —
Zone 4.....gal. .355 - —

Methyl acetone, synthetic, sales zones are:—Zone 1, Conn., Dela., D. C., Ill., Ind., Iowa, Ky., Me., Md., Mass., Mich., Minn., Mo., N. H., N. J., N. Y., N. C., Ohio, Pa., R. I., Tenn., Vt., Va., West Va. and Wis.; Zone 2, Ala., Ark., Col., Fla., Ga., Kans., La., Miss., Neb., N. D., Okla., S. C. and S. D.; Zone 3, Pacific Coast; Zone 4, Ariz., Col., Mont., Nev., Idaho, Ore., Utah, Wash., N. Mex.

Methyl alcohol, (see Methanol).
Anthranilate, bots. .....lb. 2.10 - 2.30
Benzoate, cns., 25 lbs.....lb. .70 - 1.20
Bromide, cyl. .....lb. .60 - .75
Chloride, refrigeration, 500 lbs. and up, machine mfrs. and jobbers, cylinders..lb. .32 - —
service men and consumers, cyl..lb. .36 - —
60 to 499 lbs., cyl., mach. mfrs. and jobbers..lb. .36 - —
service men and consumers, cyl..lb. .40 - —
tanks, multi-unit, mach. mfrs. and jobbers..lb. .31 - —
service men and consumers, lb. .35 - —

Methyl chloride quotations are spot or contract, effective July 1, for delivery to any common carrier point in United States. Prices above are in 60, 90 and 130-lb. cylinders. Prices on the 20-lb. cylinders are uniformly 10c. per pound higher than above prices.

Cinnamate, bls. .....lb. 2.45 - 3.75
Formate, dms. .....lb. .35 - .36
Lactate, dms., l.c.l., dlvd..lb. .30 - —
Iodide, bots. .....lb. 3.68 - 3.83
Salicylate, dms. .....lb. .40 - .42
cns. .....lb. .42 - .45
Violet toner, bbls.....lb. .38 - —
permanent, bbls.....lb. .80 - —
Methylbutyl ketone, dms., c.l., frt. pd. E. of Rocky Mts.lb. .11½- —
l.c.l., same terms....lb. .12 - —
tanks, same terms.....lb. .10½- —
Methylene blue, medcl., kgs., 100 lbs..lb. 2.00 - —
cns., 5 lbs.....lb. 2.35 - —
Chloride, dms., f.o.b. works..lb. .18 - .22
Methylheptenone, bots.....lb. 2.45 - 3.00
Methylheptin carbonate, bots..lb.23.00 -44.00
Methylhexyl ketone, dms., tech., wks..lb. .60 - —
Methylisobutyl ketone, dms., 55-gal., c.l., works..gal. .76 - —
l.c.l., works.....gal. .80 - —
smaller containers, works.gal. 1.00 - —
tanks, works.....gal. .70 - —
Methylnaphtyl ketone, dom., cryst., bots..lb. 3.25 - 3.30
imp. bots.....lb. 3.10 - —
Methylpropyl carbinol (see Carbinol).
Ketone, dms., c.l.....lb. .16 - —
l.c.l. .....lb. .20 - —
tanks .....lb. .15 - —
Metronite pigment, 120 mesh, containers, extra, c.l., f.o.b. Milwaukee..ton. 9.00 - —
l.c.l., same basis.....ton.11.00 - —
180 mesh, containers extra, c.l., same basis..ton.11.00 - —
l.c.l., same basis.....ton.13.00 - —
250 mesh, containers, extra, c.l., same basis..ton.18.00 - —
l.c.l., same basis.....ton.15.00 - —
325 mesh, containers, extra, c.l., same basis..ton.18.00 - —
l.c.l., same basis.....ton.20.00 - —
Mica, dry-grd., amber, 160 mesh, No. 1 quality, bgs., extra and returnable, c.l., works..ton.30.00 - —
l.c.l., 5,000 lbs., works, ton.40.00 - —
1,000 lbs., works....lb. .02 - —
500 lbs., works....lb. .02½- —
100 lbs., works....lb. .03 - —
roofing, bgs., extra and returnable, c.l., works..ton.29.00 - —
l.c.l., 5,000 lbs., works, ton.39.00 - —
white, 160 mesh, No. 1 quality, bgs, extra and returnable, c.l., works.....ton.35.00 - —
l.c.l., 5,000 lbs., works ton.45.00 - —
1,000 lbs., works..lb. .02½- —
500 lbs., works....lb. .03 - —
100 lbs., works....lb. .03½- —
wet-ground, paint or lacquer, bgs., c.l., dlvd. E..lb. .04¼- —
l.c.l., 1,000 lbs., dlvd. E..lb. .04¾- —
smaller lots, dlvd. E..lb. .05¼- —
paper, wall or coated bgs., c.l., frt. alld., E..lb. .04½- —
l.c.l., 1,000 lbs., frt. all., E..lb. .04¾- —
smaller lots, frt. alld., E..lb. .05½- —
rubber, bgs., c.l., frt. alld. E. lb. .04 - —
l.c.l., 1,000 lbs., frt. alld., E..lb. .04½- —
smaller lots, frt. alld., E..lb. .05 - —

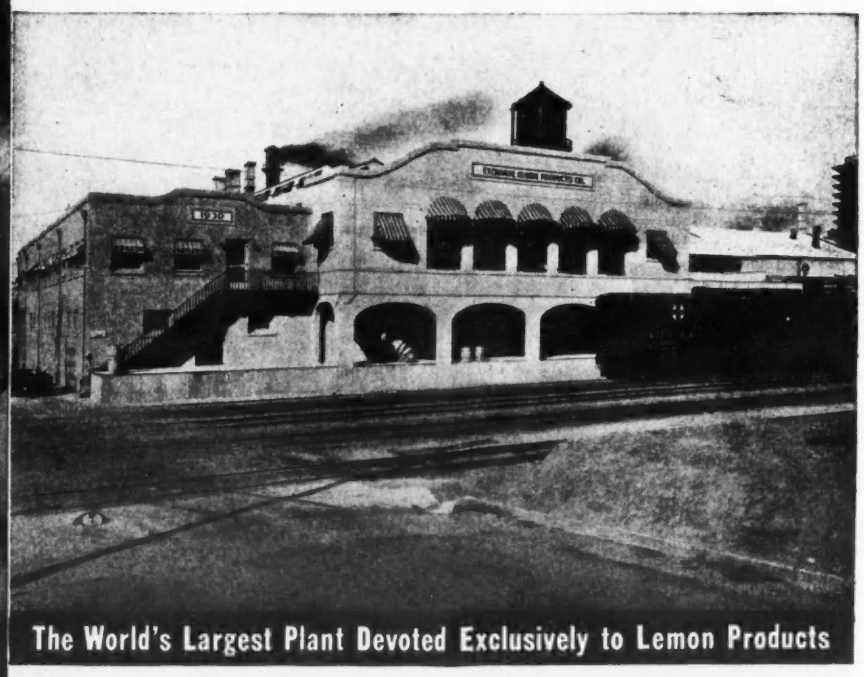
wet-ground mica prices are ½c. per pound higher on Pacific Coast.

Milk powder, skimmed, roller, bbls., c.l..lb. .06 - —
l.c.l. .....lb. .07 - —
spray, bbls., c.l.....lb. .06½- —
l.c.l. .....lb. .07½- —
unskimmed, roller, bbls., c.l., lb. .16½- —
l.c.l. .....lb. .17½- —
spray, bbls., c.l.....lb. .16½- —
l.c.l. .....lb. .17½- —
Millet seed, yellow, bgs.....lb. .0285- .0305
hulled, bgs. .....lb. .05½- .06
Mineral spirits (see Petroleum thinner and V M & P, naphtha).
Molasses, blackstrap, tanks..gal. .06½- —
New Orleans.....gal. .06 - —
Molybdate orange (see Orange, molybdate).
Molybdenum metal, kgs., 99% powd..lb. 2.60 - 3.00
Monoamylamine, dms., c.l., wks., lb. .52 - —
l.c.l., works .....lb. .55 - —
Monobutylamine dms., l.c.l., works..lb. .65 - —
Monochlorobenzene, dms. ....lb. .06 - .06½
Monoethanolamine, dms., c.l., works..lb. .24 - —
l.c.l., dms. .....lb. .25 - —
tanks .....lb. .23 - —
Monoethylanilin, dms. .....lb. .77 Nom.
Monomethylamine, dms., c.l., dlvd..lb. .65 - —
l.c.l., dlvd.....lb. .70 - —
Monomethylpara-aminophenol sulphate, dms..lb. 3.75 - 4.00

By more than 2 to 1

AMERICA'S FAVORITE OIL OF LEMON

continues to be Exchange Brand



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76 NINTH AVENUE, NEW YORK CITY

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180 VARICK STREET, NEW YORK CITY

Distributors for

CALIFORNIA FRUIT GROWERS EXCHANGE
Products Department, Ontario, California
Producing Plant: EXCHANGE LEMON PRODUCTS CO., Corona, California

Copr., 1938, Products Dept., California Fruit Growers Exchange

Morphine, bots., 5 ozs.....oz. 11.10 - —
cns., 25 ozs.....oz. 10.90 - —
Acetate, bots., 5 ozs.....oz. 9.00 - —
cns., 25 ozs.....oz. 8.80 - —
Ethylhydrochloride, bots. 5 ozs., oz. 10.75 - —
cns., 25 ozs.....oz. 10.55 - —
Hydrobromide, bots., 5 ozs..oz. 8.95 - —
cns., 25 ozs.....oz. 8.75 - —
Sulphate, bots., 5 ozs.....oz. 9.00 - —
cns., 25 ozs.....oz. 8.80 - —
Morpholine, dms., 55 gal., l.c.l., works..lb. .75 - —
smaller containers, works....lb. 1.00 - —
Mullein flowers, cns.....lb. .80 - .85
Leaves, bls.....lb. .07 - .08
Musk, nat., Tonquin, grained, bots..oz. 21.00 -22.00
pods, caddies, 20 ozs.....oz. 19.00 -21.00
Musk, synth., ambrette, cns., 100 lbs. or more..lb. 3.25 - —
5 lbs. to 75 lbs.....lb. 3.50 - —
1 lb.....lb. 3.65 - —
ketone, cns., 100 lbs. or more, lb. 3.40 - —
5 lbs. to 75 lbs.....lb. 3.65 - —
1 lb.....lb. 3.80 - —
xylol, cns., 100 lbs. or more..lb. 1.00 - —
5 lbs. to 75 lbs.....lb. 1.10 - —
1 lb.....lb. 1.25 - —
Musk root, bls.....lb. .12 - .13
Mustard seed, Bombay, brown, bgs..lb. .05¼- .05¾
California, brown, bgs.....lb. .07 - .07½
yellow, bgs.....lb. No stocks.
Chinese, yellow, bgs.....lb. .05¾- .06¼
Danish, yellow, bgs.....lb. .08 - .08½
Dutch, yellow, bgs.....lb. .07¾- .08
English, yellow, bgs.....lb. .08½- .09
Hungarian, yellow, bgs....lb. .07¾- .08¼
Roumanian, yellow, bgs....lb. .06 - .06½
Myrobalans, J1, bgs., shipt....ton. 27.00 - —
J2, bgs., shipt.....ton. 20.00 - —
R2, bgs., shipt.....ton. 17.50 - —
Extract, liquid, 25%, bbls....lb. .03¾- .05¼
solid, 50% bbls.....lb. .04⅝- —
powdered, 70% bbls.....lb. .05⅝- —

N

Naphtha, Painters' (see Petroleum naphtha, V. M. & P.).
Solvent (see S).
Naphthalene, crude, dom., 74 deg., bgs., bbls., wks., 100 lbs. 2.35 - 2.85
78 deb., bgs., bbls., wks., 100 lbs. 2.75 - 3.35
Naphthalene, import, bgs., Atl. ports..100 lbs. 1.70 - 2.15
refined, balls or flakes, bbls., wholesalers and jobbers, f.o.b. works.....lb. .06¾- —
50-lb. cs., same basis..lb. .07 - —
pkgs. (16 oz.), same basis, lb. .07½- —
(12 oz.) same basis..pkg. .06 - —
chipped, crushed, bbls., same basis..lb. .06½- —
rice, cryst., powd., bbls., same basis..lb. .06¾- —
Nerolin, cryst., cns.....lb. 1.25 - 1.35
Nickel carbonate, bbls.....lb. .36 - .37½
Chloride, bbls.....lb. .18 - .20
Oxide, black, bbls.....lb. .35 - .38
Salt, bbls.....lb. .13 - .13½
Nicotine sulphate, 40%, dms., works, frt. alld..lb. .70 - —
10-lb. tins.....lb. .86½- —
Nitrecake, bulk, works.....ton. 16.00 - —
Nitrobenzene, dbl. dist., dms., c.l..lb. .08 - —
l.c.l.....lb. .09 - —
tanks.....lb. .07¼- —
Nitrocellulose, alcohol-soluble, ¼, and 40, sec. vis., bbls., works..lb. .28 - —
bronzing, 20, 40, 70 sec. vis., bbls., works..lb. .29 - —
ester-soluble, ¼, ½, 5-6, 15-20 sec., bbls., c.l., dry weight works lb. .22 - —
Nitrocellulose, ester-soluble, bbls., l.c.l., ¼, ½, 5-6, 15-20 and higher vis., bbls., lb. .26 - —
lacquer, 20-30 and 60-80 sec. vis., bbls., works..lb. .29 - —

Nitrocellulose prices are quoted on the basis of dry weight; denatured alcohol used in manufacture is charged extra. Barrels are to be paid for extra, but are returnable.

Nitrogen solution, 45½% ammon., tanks, f.o.b. Atlantic and Gulf ports..unit-ton. 1.00 - —
Nitrogenous fertilizer material, 8-11% ammon., dom., bulk, f.o.b. Carrollville, Wis., dlvd.....unit-ton. 2.10 - 2.20
Chemical, Ill....unit-ton. 2.00 Nom.
East Coast producing ports..unit-ton. 2.60 Nom.
import, bgs., c.i.f. Atlantic ports, shipt..unit-ton. 2.65 - —
Nitronaphthalene, bbls.....lb. .24 - .26
Nitrotoluene, mixed, dms.....lb. .10½- .11
Nutgalls, Aleppo, bgs., cs.....lb. No prices
Chinese, shipt., cs.....lb. No prices
Extract (see Gall extract).
Nutmegs, 80s, bgs, cs.....lb. .49 - .50
110s, bgs, cs.....lb. .19 - .19½
West Indian, bgs.....lb. .10¼- .10½
Nux vomica, bls.....lb. .03¾- .04
powd., bbls., bxs.....lb. .06 - .07

O

Oakbark extract, 25% tan., bbls., c.l., works..lb. .03½- —
l.c.l., bbls., works.....lb. .03¾- —
Ocher (see Yellow).
Octanes, 100-140° C., mixed, dms., c.l., G.3..gal. .12½- —
l.c.l., G.3.....gal. .17 - —
tanks, G.3.....gal. .10¼- —
Octyl acetate, dms., c.l., works..lb. .16 - —
l.c.l., works.....lb. .17 - —
tanks, works.....lb. .15 - —
Oil, almond, bitter, artif. (see Benzaldehyde).
natural, bots.....lb. 2.00 - 2.50
s.p.a., bots.....lb. 2.05 - 2.75
sweet, true, exp., cns.....lb. .65 - .68
Amber, crude, cns.....lb. .16 - .17
ref'd, cns.....lb. .50 - .51
Amyris, cns.....lb 3.00 - 3.25
Angelica root, bots.....lb. 61.25 -100.00
seed, bots.....lb. 70.00 -80.00
Anilin (see A).
Anise, U.S.P., cns., dms.....lb. .80 - .85
Apricot kernel, cns.....lb. .28 - .32
Babassu, tanks.....lb. .06⅝ Nom.
Bay, W. I., cns.....lb. 1.35 - 1.50
Bergamot, artif., cns.....lb. 1.25 - 1.80
natural, coppers.....lb. 3.00 - 4.00
Betula (see Oil, sweet birch).
Birch (see Oil, sweet birch).
Birch tar, crude, dms.....lb. .16 - .17
rectified, cns.....lb. .70 - .75
Bois de rose, Brazil, cns....lb. 1.55 - 1.60
Cayenne, cns.....lb. 1.50 - 1.75
Cade, USP IX (see Oil, juniper tar).
Cajeput, tech., dms.....lb. .47 - .55
USP IX, cns.....lb. .50 - .66
Calamus, cns.....lb. 4.25 - 4.50
Camphor, sassafrassy, cns....lb. .19 - .20
dms.....lb. .17 - .18
white, cns.....lb. .20 - .21
dms.....lb. .17 - .18
Cananga, native, cns.....lb. 1.25 - 1.30
rectified, cns.....lb. 1.80 - 1.85
Capsicum (oleoresin), USP X, cns..lb. 1.90 - 2.00
Oil, caraway, USP, cns.....lb. 1.90 - 2.00
Cardamom, bots.....lb. 15.00 -33.00
Cassia, U.S.P., cns., dms....lb. .95 - 1.00
Castor, blown, one-way dms., c.l...lb. .11¼- —
l.c.l.....lb. .12 - —
medicinal, bbls., c.l.....lb. .09¾- —
l.c.l.....lb. .10½- —
cns. (1-gal.), l.c.l.....lb. .13½- —
dms. (returnable), c.l. ..lb. .09½- —
l.c.l.....lb. .10¾- —
(5-gal.), l.c.l.....lb. .11½- —
tanks.....lb. .09 - —
No. 3, bbls., c.l.....lb. .09¼- —
l.c.l.....lb. .10 - —
dms. (returnable), c.l....lb. .09 - —
l.c.l.....lb. .09¾- —
tanks.....lb. .08½- —

Castor oil, med. and No. 3 prices are dlvd. all points between N. Y. and Philadelphia, Albany, and N. E. States; Chicago c.l. prices ⅝c. higher than N. Y.; l.c.l. prices ¾c. higher than N. Y.; one-way dms., ¼c. higher, all points.

sulphonated, 50% (48% fat), dms., c.l...lb. .06¼- .06¾
l.c.l.....lb. .07¼- .08¾
75% (63% fat), dms., c.l...lb. .09 - .09¼
l.c.l.....lb. .10 - .10½
80% (68% fat), dms., c.l...lb. .09½- .10½
l.c.l.....lb. .10½- .11
Cedarleaf, cns.....lb. .75 - .80
dms.....lb. .72 - .77
Cedarwood, Oregon, cns., dms. lb. .28 - .30
Southern, cns., dms.....lb. .20 - .23
Celery, bots.....lb. 8.75 -14.50
Chaulmoogra, USP, cns., 500 lbs. lb. .90 - —
25 lbs.....lb. 1.00 - —
Chinawood, dms.....lb. .12¼- .12½
tanks.....lb. .1150- .1160
Cinnamon, Ceylon, bots.....lb. 8.00 -22.00
Seychelle, bots.....lb. 6.50 - 7.50
Citronella, Ceylon, cns.....lb. .35 - .35½
dms.....lb. .33½- .34
Java, dms.....lb. .38 - .40
Clove, makers, USP, cns....lb. 1.02 - —
dms.....lb. 1.00 - —
Coconut, Manila, crude, tanks..lb. .03¾- —
Pac. Cst.....lb. .03 - —
edible, 76°, tax incl., dms., (returnable), c.l..lb. .09 - —
l.c.l.....lb. .09¼- —
tanks.....lb. .08¼- —
Cod, Newfoundland, tanked, bbls..gal. .50 Nom.
Norwegian, shipt., bbls...gal. .27 - .29
Codliver, med., U.S.P., Norwegian, bbls..bbl. 26.00 - 27.00
Coriander, bots.....lb. 18.00 -20.00
Corn, crude, tanks, works....lb. .07¼- .07⅝
refd., bbls.....lb. .09⅜- .09⅝
Cottonseed, dom., cooking, bbls..lb. .09½- —
salad, bbls.....lb. .09⅝- —
import, Brazilian, semi-refd., dms..lb. .0465- —
Creosote (see C).
Croton, USP, cns.....lb. 1.30 - 1.35
Cubeb, USP, cns.....lb. 2.60 - 3.00
Crude (see Petroleum, crude).
Cumin, bots.....lb. 6.75 - 7.00
Cypress, dom., bots.....lb. 5.25 - 5.30
import., cns.....lb. 12.00 -12.25
Degras (see D).
Diesel, Bayonne, bulk.....bbl. 1.75 - —
California, 24 plus, bulk..bbl. 1.55 - —
Dill seed, bots.....lb. 3.00 - 3.25
weed, bots.....lb. 3.85 - 4.10
Dip (see D).
Erigeron, cns.....lb. 2.40 - 2.55
Eucalyptus, cns.....lb. .36 - .38
dms.....lb. .34 - .36
Fennel, sweet, cns.....lb. 1.10 - 1.15
Fuel, bunker, California, tide-water..bbl. .90 - —
Gulf Coast.....bbl. .85 - .90
Louisiana, Arkansas, 10-14, bbl. .85 - 1.00
N.Y. and N.J. terminals:—
Monday.....bbl. .95 - —
Tuesday.....bbl. .95 - —
Wednesday.....bbl. .95 - —
Thursday.....bbl. .95 - —
Friday.....bbl. .95 - —
Saturday.....bbl. .95 - —
North Texas, 18-22.....bbl. .80 - .85
24-28, zero cold test.....bbl. 1.10 - 1.15
Oklahoma, 18-22.....bbl. .85 - .90
24-28, zero cold test.....bbl. 1.07½- 1.12½
24-28, 15 and above.....bbl. .90 - .95
Pennsylvania, 36-40.....gal. .04 - .04½
Furnace, Bayonne, l. bulk, refinery..gal. .06 - —
2, bulk, same basis.....gal. .04½- —
4, bulk, same basis.....gal. .04⅝- —
Louisiana - Arkansas, 32 - 36, light straw..gal. .03⅞- .04
Oklahoma, 28-30.....gal. .03¼- .03½
32-36.....gal. .03½- .03⅝
36-38.....gal. .03⅝- .03⅞
38-40, straw.....gal. .03¾- .04
38-40 zero, 60 e.p.....gal. .03¾- .04
Fusel (see F).
Gas, Bayonne, bulk.....gal. .04¾- —
Gulf Coast, bulk.....gal. .04½- .04¼
North Texas, bulk.....gal. .02⅞- .03
Oklahoma, bulk.....gal. .02⅝- .03
Gaultheria (see Oil, wintergreen leaf).
Geranium, Algerian, rose, cns.lb. 3.25 - 4.50
Bourbon, cns.....lb. 2.65 - 3.00
Turkish (see Palmarosa).
Grapefruit, cns.....lb. 2.15 - 2.20
Ginger, dist., bots.....lb. 6.25 - 6.50
Guaiac wood, concrete, bots.lb. 2.75 - 3.10
Haarlem, import., bots....gross 3.25 - 3.35
Halibut-liver, dms. 1,000 A unit gal. .75 - 1.00
Hemlock, cns.....lb. 1.05 - 1.10
Juniper berry, USP, cns.....lb. 1.10 - 1.30
Wood, tech., cns.....lb. .45 - —
Juniper tar, USP XI, 1,000 lb. dms..lb. .39 - .40
cns.....lb. .44 - .45
Lard, common, 1, bbls.....lb. .08¾- —
2, bbls.....lb. .08½- —
extra, bbls.....lb. .09¼- —
1, bbls.....lb. .09 - —
winter, strained, extra, bbls., lb. .09½- —
prime burning, bbls.....lb. .10¼- —
prime, ed., bbls.....lb. .11¼- —
ined., bbls.....lb. .09⅜- —
Laurel, bots.....lb. 6.25 - 6.50
Lavandin, cns., 25 lbs.....lb. 2.00 - 2.05
Lavender flower, French, 50% ester, cns..lb. 5.00 - 5.25
38-42% ester, cns.....lb. 3.25 - 4.25
35-38% ester, cns.....lb. 2.75 - 3.00
30-32% ester, cns.....lb. 2.00 - 2.25
garden, cns.....lb. .42 - .45
spike, Spanish, tech., cns..lb. 1.05 - 1.10
dms.....lb. .95 - 1.10
Lemon, Calif., cns.....lb. 2.50 - —
Messina, coppers, cns.....lb. 3.25 - 4.00
Lemongrass, native, cns., dms., lb. .38 - .40
Lime, dist., cns.....lb. 4.75 - 5.50
expressed, cns.....lb. 8.00 - 9.50
Linaloe wood, cns.....lb. 1.25 - 1.30
Linseed, boiled, bbls., c.l....lb. .0900- .0920
l.c.l., 5 or more.....lb. .0940- .0960
less than 5.....lb. .0980- .1000
tanks.....lb. .0840- .0860
double boiled, bbls, less than 5 lbs..lb. .1000- .1040
raw, bbls., c.l.....lb. .0860- .0880
l.c.l., 5 or more.....lb. .0900- .0920
less than 5.....lb. .0940- .0960
tanks.....lb. .0800- .0820
Lovage, bots.....lb. 41.25 -60.00
Oil, lubricating, at refinery (including U.S. tax 4c. per gal.):—
California, green, 70, 80, 100, vis., dms..gal. .20 - —
140 vis., dms.....gal. .25 - —
green, pale, 750, 900 vis., dms..gal. .26 - —
green, pale, red, 200, 300, 350, 400, 450, 500, 600, 700 vis., dms..gal. .26 - —
Oklahoma, bright stocks, 100-110 D, color 4, 0-10 pour, tanks..gal. .18½- —
15-25 pour, tanks.gal. .17½- —
150-160 D, color 4½, 0-10 pour, tanks..gal. .20 - —
15-25 pour, tanks.gal. .19 - —
150-160 E, color 5½, 15-25 pour, tanks..gal. .18½- —
190-200 D, color 4¾,15-25 pour, tanks..gal. .23 - —
200-210 E, 15-25 pour, tanks..gal. .22 - —
neutrals,0-10 pour, 150 vis., 3 color, tanks....gal. .13 - —
180 vis., 3 color, tanks, gal. .14 - —
4 color, tanks....gal. .13½- —
200 vis., 3 color, tanks, gal. .14½- —
4 color, tanks....gal. .14 - —
250 vis., 3 color, tanks, gal. .15½- —
4 color, tanks....gal. .15 - —
280 vis., 3 color, tanks, gal. .16¼- —
4 color, tanks....gal. .16 - —
300 vis., 3½ color, tanks, gal. .17 - —
350 vis., same basis.gal. .17½- —
400 vis., same basis.gal. .18 - —
500 vis., same basis.gal. .18½- —
600 vis., same basis.gal. .19 - —

15-25 pour prices are ½c. per gallon higher than zero to 10° pour.

Penn., bright, 600 cold test, 10-15 pour, tanks..gal. .16 - —
cylinder, 600 fire, tanks, gal. .11½- —
600 flash, tanks.....gal. .14 - —
630 flash, tanks.....gal. .17 - —
C35 fire, tanks.....gal. .12½- —
650 fire, tanks.....gal. .13½- —
Warren, E, amber, tanks, gal. .15 - —
neutral, 150 vis., 3 color, tanks..gal. .15½- —
180 vis.,3 color,tanks..gal. .16½- —
200 vis.,2 color,tanks..gal. .17 - —
spot, Penna., bright, bbls., c.l., f.a.s..gal. .27 - .28
unfiltered, 600 s.r....bbls., f.a.s..gal. .21 - —
600 flash, s.r., bbls., c.l., gal. .23½- —
630 s.r., bbls., c.l., f.a.s. gal. .25 - —
Warren, E, bbls., c.l., f.a.s. gal. .24½- —
smaller lots, f.o.b..gal. .26½- —
Mace, dist., cns., dms.....lb. 1.20 - 1.25
Mandarin, superior, coppers..lb. 6.00 - 7.50
Menhaden, crude, tanks, f.o.b. Balto..gal. .27 Nom.
refd., alkali, dms.....lb. .0750- .0770
tanks.....lb. .0690- —
blown, dms.....lb. .0750- .0770
kettle-bodied, dms.....lb. .0840- .0860
light, pressed, dms.....lb. .0 90- .0710
tanks.....lb. .0630- —
Mineral, white (see Oil, white mineral).
Mustard, artif., USP, cns....lb. 1.70 - 1.75
dist., natural, bots.....lb. 8.50 - 9.00
expressed, bbls.....gal. .65½- .70
Neatsfoot, 20° cold test, bbls., lb. .15¼- —
extra, bbls.....lb. .09¼- —
1, bbls.....lb. .09 - —
pure, bbls.....lb. .11¾- —
prime, bbls.....lb. .09½- —
sulphonated, common, 25% moisture, dms..lb. .10¼- —
Neroli, bots.....lb. 115.00- 140.00
Nutmeg, USP, cns., dms.....lb. 1.20 - 1.25
Oiticica, dms.....lb. .09 - .10¼
2 bbls.....lb. .08½- —
Olibanum, bots.....lb. 5.00 - 5.25
Olive, denat., bbls.....gal. .88 - .92
edible, bbls.....gal. 1.75 - 2.00
foots, bbls.....lb. .07¾- .08
sulphonated, 50% (43% fat), dms., c.l..lb. .11½- .12
l.c.l.....lb. .12½- .13
75% (63% fat), dms., c.l..lb. .13½- .14
l.c.l.....lb. .14½- .15
80% (68% fat), dms., c.l..lb. .14½- .15
l.c.l.....lb. .15½- .16
Orange sweet, dist., cs.....lb. .70 - —
expressed, African, cns., dms..lb. 1.20 - 1.25
Calif., cns.....lb. .95 - 1.25
Messina, USP, coppers.lb. 2.25 - 3.25
West India, cns.....lb. 1.95 - 2.00
Origanum, Spanish, cns.....lb. .90 - 1.60
Orris, Florentine, concrete, extra strong bots..oz. 5.25 - 5.50
Palm, Niger, dms.....lb. .04 - .04¼
shipment.....lb. .0290- —
softs, 12½%, bulk, shipt....lb. .0290- —
20%, bulk, shipt.....lb. .0270- —
Sumatra, shipt., bulk.....lb. .0300 Nom.
Palmarosa, cns.....lb. 2.05 - 2.25
Palmkernel, bulk, shipt.....lb. .0415- —
Paraffin, 320° flash, 60-70 vis., tanks, G. 3..gal. .05¼- —
330° flash, 70-80 vis., tanks, G. 3..gal. .05½- —
80-85 vis., bbls., extra, Ind. refy..gal. .12 - —
350° flash, 100-105 vis., bbls., extra, Ind. refy..gal. .14 - —
360° flash, 100-110 vis., tanks, G. 3..gal. .05¾- —
Patchouli, bots., cns.....lb. 3.75 - 8.00
Peanut, crude, dom., tanks..lb. .07¼- .07⅜
refd., edible, bbls.....lb. .10 - .10¼
Pennyroyal, dom., cns.....lb. 1.40 - 1.45
import, cns.....lb. 1.35 - 1.40
Peppermint, natural, cns., dms., lb. 2.15 - 2.35
redist., USP, cns., dms....lb. 2.40 - 2.55
Perilla, dms.....lb. .10¼- .10½
tanks.....lb. .0960- .0980
Petitgrain, Paraguay, cns....lb. 1.00 - 1.05
Pimento berry, cns.....lb. 3.65 - 7.50
leaf, cns.....lb. 2.30 - 2.40
Pine, dest.-dist., straw-color, dms., dlvd., E. ports..gal. .52 - .55
steam-dist., dms.....gal. .59 - —
tanks.....gal. .54 - —
Pineneedle, Siberian, cns....lb. .95 - 1.00
Putty, bbls., El Segundo, Richmond, Cal..gal. .22½- —
contracts.....gal. .19½- —
Whiting, Ind.....gal. .28 - —
dms., c.l., Bost., Provid..gal. .25 - —
l.c.l., same basis.....gal. .27 - —
tanks, same basis.....gal. .18 - —
Martinez, Cal.....gal. .28 - —
Rapeseed, blown, bbls.....lb. .14½- .14¾
denat., bbls.....gal. .75 - .80
Red, dist. or saponif., bbls., dlvd..lb. .08¾ Nom.
dms., dlvd.....lb. .08¼ Nom.
tanks, dlvd.....lb. .07½ Nom.
white, dms.....lb. .11¼ Nom.
Rose, artif., bots.....oz. 2.00 - 8.00
natural, coppers.....oz. 5.25 -22.50
Rosemary, Spanish, cns.....lb. .56 - .75
dms.....lb. .51 - .70
Rosin, 1st rectfd., dms.....gal. .45 - —
2d rectfd., dms.....gal. .47 - —
3d rectfd., dms.....gal. .51 - —
Rue, bots.....lb. 2.15 - 2.20
Sage, cns.....lb. 1.30 -35.00
Sandalwood, E.I., USP, cns..lb. 4.75 - 4.80

Morphine—Paprika

Oil, sardine, crude, tanks, Pac. Cst..gal. .36 Nom.
refd., alkali, dms.....lb. .0750- .0770
tanks.....lb. .0690- —
kettle-bodied, dms.....lb. .0840- .0860
light, pressed, dms.....lb. .0690- .0770
tanks.....lb. .0630- —
Sassafras, artif., cns.....lb. .37 - .38
dms.....lb. .35 - .36
natural, cns., dms.....lb. 1.00 - 1.05
Savin, cns.....lb. 1.65 - 1.70
Savory, cns.....lb. 2.00 - 2.25
Sesame, refd., dms.....lb. .10¼- .10½
Shingle stain, bbls., c.l., wks. gal. .18 - —
l.c.l., works.....gal. .21 - —
tanks, works.....gal. .14 - —
Snakeroot, Canada, cns....lb. 9.50 -10.00
Soybean, dom., crude, dms..lb. .0680- .0750
tanks.....lb. .0600- .0650
refd., dms.....lb. .0780- .0920
tanks.....lb. .0720- .0770
Spearmint, USP, cns.....lb. 1.70 - 1.75
Sperm, bleach, 38°, dms.....lb. .1000- .1020
45°, dms.....lb. .0930- .0950
natural, dms.....lb. .0880- .0900
Spruce, cns., dms.....lb. 1.05 - 1.10
Sweet birch, North, cns.....lb. 2.25 - 3.50
South, cns.....lb. 1.65 - 2.00
Tall, crude, dms., c.l., works, ton. 45.00- —
l.c.l., works.....ton. 50.00 -65.00
tanks, works.....ton. 35.00 - —
refined, dms., c.l., works...lb. .03½- —
l.c.l., works.....lb. .06 - —
tanks, works.....lb. .05 - —
Tallow, acidless, bbls.....lb. .08⅜- —
tanks.....lb. .08¼- —
Tansy, cns.....lb. 5.50 - 5.75
Tar, comi. dms., c.l., dlvd., E. cities..gal. .26 - —
E. ports.....gal. .25 - —
l.c.l.....gal. .26 - —
tanks, dlvd. E. cities...gal. .20 - —
rectfd., USP, bbls., dlvd., E. ports..gal. .50 - —
Tar acid (see T).
Teaseed, crude, dms.....lb. .07½- .08
Tea Tree (see Oil, ti tree).
Thyme, NF, red, dms.....lb. .85 - 1.25
white, dms.....lb. .85 - 1.45
Ti tree, cns.....lb. 3.10 - 3.50
Tung (see Oil, chinawood).
Turkey red (see Oil, castor, sulphonated).
Turpentine (see T).
Turtle, cns.....gal. 4.25 - 5.00
Valerian, bots.....lb. 8.00 - 8.25
Vetiver, bots.....lb. 4.35 -16.50
Walnut, crude, dms.....lb. .13 - .13½
refd., dms.....lb. .14 - .14½
Whale, refd., natural, dms...lb. .0850- .0870
winter, bleach, dms.....lb. .0890- .0910
Wheat germ, phar., cns., dms. gal. 22.50 -30.00
feedstuff, cns., dms.....gal. 17.50 -25.00
White, mineral, dom., tech., 50-60 vis., dms.....gal. .42 - —
65-75 vis., dms.....gal. .44 - —
80-90 vis., dms.....gal. .45 - —
USP, 80-90 vis., dms....gal. .49 - —
95-105 vis., dms.....gal. .57 - —
125-135 vis., dms.....gal. .64½- —
140-150 vis., dms.....gal. .68 - —
175-185 vis., dms.....gal. .72½- —
200-210 vis., dms.....gal. .74½- —
320-330 vis., dms.....gal. .80½- —
335-345 vis., dms.....gal. .82 - —
Russian, 80-90 vis., dms.gal. .49 - —
145-155 vis., dms.....gal. .68 - —
175-185 vis., dms.....gal. .72½- —
335-345 vis., dms.....gal. .82 - —
Wintergreen, natural, North, cns..lb. 4.00 - 8.00
South, cns.....lb. 3.05 - 3.75
synth (see Methyl salicylate).
Wood (see Oil, chinawood).
Wormseed, cns.....lb. 2.60 - 2.65
Wormwood, cns.....lb. 2.65 - 2.70
Ylang-ylang, Bourb., bots., cns., lb. 3.50 - 6.00
Manila, bots.....lb. 18.00 -24.00
Olivine, aggregate, c.l., mines. ton. 5.00 - 8.00
Lumps, same basis.....ton. 7.00 - —
Spalls, same basis.....ton. 5.00 - —
Ground, 200 mesh, c.l., mines. ton. 15.00 - —
20 mesh to dust.....ton. 10.00 - —
Opium, USP, cns.....lb. 11.50 -12.50
gran., cns.....lb. 12.50 -13.50
powd., cns.....lb. 12.50 -13.50
Orange, Lake, Persian, bbls...lb. .30 - .45
Mineral, Amer., bbls., 5 tons, dlvd. Ala., Ark., Cal., Fla., Ga., La., Miss., Okla., Tex., and W. of Cascade Mts. in Ore. and Wash....lb. .10½- —
dlvd., Ariz., Idaho, Nev., Utah and E. of Cascade Mts. in Ore. and Wash..lb. .11 - —
Colo., Mont., N. M., Wyo..lb. .10¾- —
Other points.....lb. .10¾- —
smaller lots, dlvd., Ala., etc..lb. .11 - —
Ariz., etc.....lb. .11½- —
Colo., Mont., N. M., Wyo..lb. .11¼- —
Other points.....lb. .10¾- —
French, Tours, csks, ex dock. lb. .13½- —
kgs., ex dock.....lb. .14½- —
Molybdate, bbls.....lb. .81 - —
Toner, bbls.....lb. .80 - —
Orangeflower petals, cs.....lb. .33 - .35
Orange peel, bitter, bls.....lb. .09 - .09
sweet, bls.....lb. .09 - .10
Orris root, Florentine, bgs.....lb. .10 - .11
fingers, cs.....lb. .90 - .95
powd., bbls., bxs.....lb. .12 - .13
Verona, bls.....lb. .09 - .10
powd., bxs., cs.....lb. .12 - .13
Orthoanisidin, bbls.....lb. .70 - .74
Orthochloroanilin, dms.....lb. .60 - .75
Orthochlorophenol, dms.....lb. .32 - —
Orthocresol, dms., c.l., works.lb. .16¼- —
l.c.l., same basis.....lb. .17⅜- —
Orthodichlorobenzene, dms., c.l., works, frt. alld. E. of Rockies..lb. .06 - —
l.c.l., same basis.....lb. .07 - —
100-lb. tins, same basis.lb. .08 - —
50-lb. tins, same basis..lb. .09 - —
tanks, same basis.....lb. .05½- —
Orthodichlorobenzene prices west of Rockies 1c. per lb. higher.
Orthonitroanilin, dms.....lb. .55 - —
Orthonitrochlorobenzene, kgs..lb. .18 - —
Orthonitroparachlorophenol, cns.lb. .75 - —
Orthonitrotoluene, dms.....lb. .08 - —
Orthotoluenehydrochloride, dms.lb. .22 - —
Orthotoluene sulphonate, kgs..lb. 2.00 - 2.05
Orthotoluidin, dms.....lb. .16 - —
Osage orange extract, cryst., bbls., lb. .19 - —
liquid, 42°, bbls.....lb. .08 - —
51°, bbls.....lb. .09 - —
Oxyquinolin sulphate, cns., 100-lbs., works..lb. 3.50 - —
bots., cns., 1-50 lbs.....lb. 3.65 - 4.00

P

Papain, powd., cs.....lb. 1.25 - 1.30
Paprika, Hungarian, extra fancy, bgs..lb. .22 - .22½
medium, bgs.....lb. .20½- .21

Paprika—Pet. Naphtha

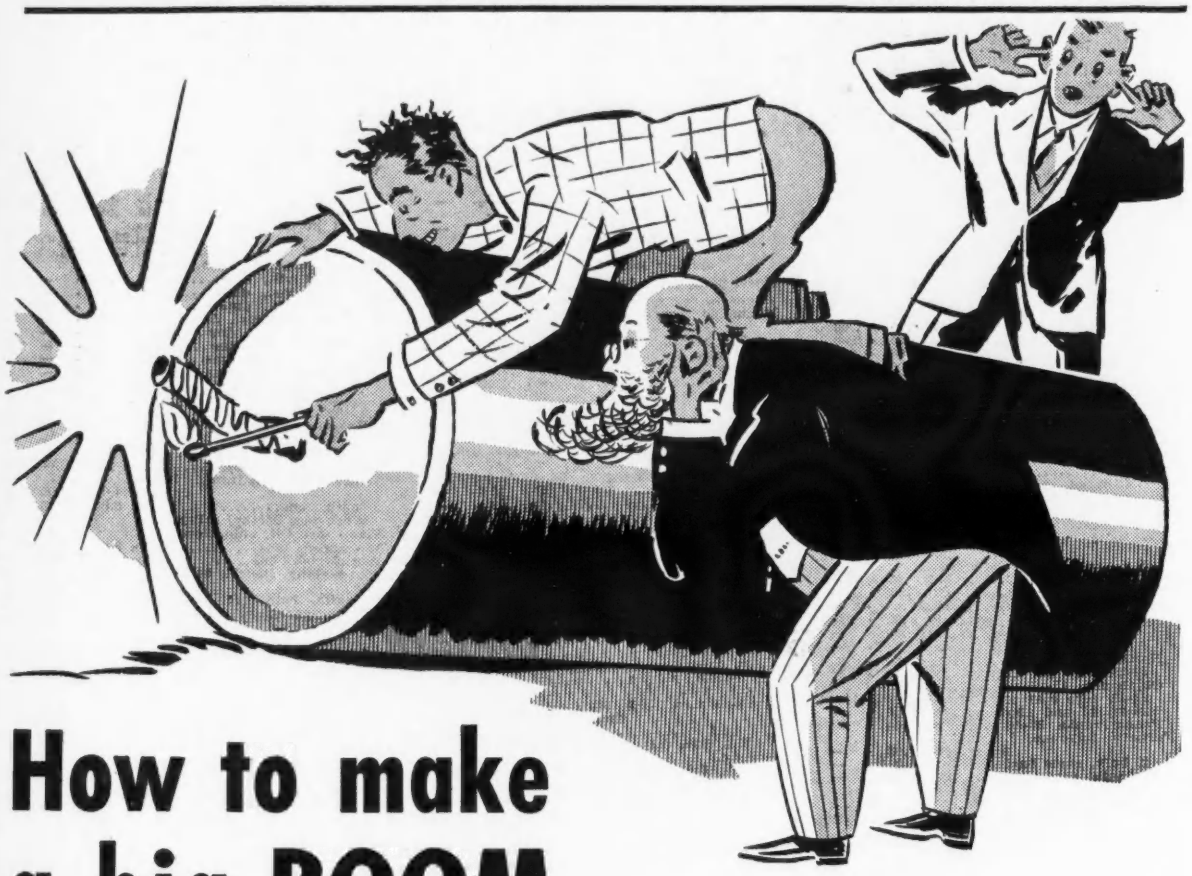
Paprika, Spanish, extra fancy, cs.	lb.	.30 -	.30½
fair, bgs.	lb.	.25 -	.25½
fancy, bgs.	lb.	.28½	Nom.
medium, bgs.	lb.	.26	Nom.
Para-aminoacetanilide, kgs.	lb.	.85	Nom.
Parachlorophenol, dms.	lb.	.45 -	—
Paracymene, refd., dms.	gal.	.75 -	1.25
Paradichlorobenzene, dms., c.l.	lb.	.11 -	.12
l.c.l.	lb.	.12½-	.15½
Paraffin, crude, scale, white, 122-124 A.m.p., bgs., c.l., Okla., refy.	lb.	.02¼-	—
bbls., c.l., N. Y.	lb.	.0220-	.02¼
124-126 A.m.p., bgs., c.l., Okla., refy.	lb.	.02¼-	—
bbls., c.l., N. Y.	lb.	.0220-	.02¼
yellow, 124-126 A.m.p., bbls., c.l., N. Y.	lb.	.02¼	Nom.
fully refd., slabs, 123-125 A.m.p., bgs., c.l.	lb.	.04 -	—
125-127 A.m.p., bgs., c.l.	lb.	.0415-	—
128-130 A.m.p., bgs., c.l.	lb.	.04¼-	—
131-133 A.m.p., bgs., c.l.	lb.	.0435-	—
133-135 A.m.p., bgs., c.l.	lb.	.05 -	—
135-137 A.m.p., bgs., c.l.	lb.	.05¼-	—
138-140 A.m.p., bgs., c.l.	lb.	.06 -	—
143-145 A.m.p., bgs., c.l.	lb.	.07 -	—
refined paraffin prices in cases are ½c. lb. higher than bags price.			
match, A.m.p. up to and incl. 110-112 bbls., c.l.	lb.	.02½-	.02⅝
semirfd., solid, 122-124 A.m.p., bgs.	lb.	.02¼	Nom.
Paraformaldehyde, dms., 1,000 lbs. or more shipments, f.o.b. Perth Amboy, Philadelphia, or N. Y. C.	lb.	.34 -	—
100 to 900 lbs. shipments, same basis	lb.	.35 -	—
Paraldehyde, tech., 99%, 55 and 100 gal. dms., dlvd.	lb.	.16 -	—
5 and 10 gal. dms., dlvd.,	lb.	.17 -	—
USP, cs., cbys.	lb.	.37 -	.45
Paranitroanilin, kgs., works	lb.	.01 -	—
Paranitrochlorobenzene, kgs.	lb.	.15 -	—
Paranitrophenol, kgs.	lb.	.35 -	—
Paranitrotoluene, kgs.	lb.	.35 -	—
Paraphenylenediamine, bbls.	lb.	1.25 -	1.30
Paratoluenesulphonamide, bbls.	lb.	.70 -	—
Paratoluidin, bbls.	lb.	.56 -	—
Pareira brava root, bls.	lb.	.15 -	.18
Paris green, dealer, dms., bbls., c.l., f.o.b. works frt. all'd	lb.	.23 -	.26
less car lot, same basis	lb.	.24 -	.26
Passion flower herb, bls.	lb.	.07 -	.07½
Patchouli leaves, bls.	lb.	.18 -	.20
Pellitory root, bls.	lb.	.16 -	.17
Pennyroyal herb, bls.	lb.	.07 -	.08
leaves, bls.	lb.	.14 -	.15
Pentanes norm., 28-38°, dms., c.l., G.3.	gal.	.11½-	—
l.c.l., G.3	gal.	.16 -	—
tanks, G.3	gal.	.08½-	—
laboratory grade, dms., c.l., G.3.	gal.	.14 -	—
l.c.l., G.3	gal.	.25 -	—
Pepper, black, Alleppy, bgs.	lb.	.07¾-	.08
Lampong, bgs.	lb.	.05¼-	.05⅜
Tellicherry, bgs.	lb.	.08 -	.0
Red, chillies, Japan, 1, bgs.	lb.	.19 -	.19½
Sumatra, bgs.	lb.	.21	Nom.
White, Java, Muntok, bgs.	lb.	.08 -	.08½
Saigon, bgs.	lb.	.08 -	.08¼
Peppermint leaves, dom., bls.	lb.	.28 -	.29
import, bls.	lb.	.45 -	.48
Peru, balsam, dms.	lb.	.65 -	.70
Petrolatum, amber, bbls., c.l.,	lb.	.02¾-	.02¾
l.c.l.	lb.	.03¾-	—
extra, bbls.	lb.	.02¾-	.03
l.c.l.	lb.	.04¼-	—
cream (see white, cream)			
green (see red)			
Petrolatum, red, veterinary, bbls., c.l.	lb.	.02½-	—
white, cream, bbls., c.l.	lb.	.04¼-	—
l.c.l.	lb.	.06½-	—
lily, bbls., c.l.	lb.	.05¼-	—
l.c.l.	lb.	.07½-	—
snow, bbls., c.l.	lb.	.06¼-	—
l.c.l.	lb.	.08¼-	—

Petroleum, crude, bulk, at wells:—

California:—			
Alamitos Heights	bbl.	.74 -	.95
Athens	bbl.	.84 -	1.66
Belridge	bbl.	.70 -	1.32
Buena Vista Hills	bbl.	.70 -	1.38
Canal-Greely	bbl.	.84 -	1.64
Coalinga	bbl.	.70 -	.90
Coyote Hills (West)	bbl.	.78 -	1.32
Dominguez	bbl.	.79 -	1.00
East Coyote	bbl.	.76 -	.96
Elk Hills	bbl.	.70 -	1.38
Elwood Terrace, f.o.b. ship.,	bbl.	1.28 -	1.43
El Segundo	bbl.	.80 -	1.21
Huntington Beach	bbl.	.78 -	1.22
Inglewood	bbl.	.79 -	1.27
Kern Front	bbl.	.70 -	—
Kern River	bbl.	.70 -	—
Kettleman Hills	bbl.	1.19 -	1.43
La Habra	bbl.	.76 -	.96
Lakeview	bbl.	.70 -	1.38
Lost Hills	bbl.	.70 -	1.18
McKittrick	bbl.	.70 -	—
Midway - Sunset (except Lakeview)	bbl.	.70 -	1.38
Montebello	bbl.	.77 -	1.43
Mt. Poso	bbl.	.70 -	—
Mountain View	bbl.	.70 -	1.20
Newhall	bbl.	.70 -	—
Orcutt	bbl.	.70 -	.93
Olinda Brea	bbl.	.76 -	1.27
Playa del Rey, f.o.b. pipeline	bbl.	.80 -	1.10
Richfield	bbl.	.76 -	1.09
Rosecrans	bbl.	.84 -	1.66
Mound Mt.	bbl.	.70 -	—
Santa Fe Springs	bbl.	.78 -	1.42
Santa Paula	bbl.	.70 -	1.01
Seal Beach	bbl.	.79 -	1.19

Petroleum, crude, at wells, Calif.—

Signal Hill	bbl.	.80 -	1.21
Torrence	bbl.	.80 -	1.05
Wheeler Ridge	bbl.	.70 -	.83
Whittier	bbl.	.76 -	.96
Wilmington	bbl.	.75 -	1.21
Canada:—			
Oil Springs	bbl.	2.17 -	—
Petrolia	bbl.	2.10 -	—
Central West:—			
Illinois	bbl.	1.35 -	—
Lima	bbl.	1.25 -	—
Midland (Mich.)	bbl.	1.12 -	—
Princeton	bbl.	1.35 -	—
East Texas	bbl.	1.35 -	—
Gulf Coast:—			
Barber's Hill	bbl.	.95 -	1.41
Batson	bbl.	.95 -	1.41
Dayton	bbl.	.95 -	1.41
Esperson	bbl.	.95 -	1.41
Goose Creek	bbl.	.95 -	1.41
Hull	bbl.	.95 -	1.41
Humble	bbl.	.90 -	1.41
Liberty	bbl.	.90 -	1.41
Markham	bbl.	.90 -	1.29
Orange	bbl.	.95 -	1.41
Pettus	bbl.	1.37 -	—
Pierce Junction	bbl.	.95 -	1.41
Refugio (incl. Greta, Taft, Saxet)	bbl.	1.01 -	1.17
Saratoga	bbl.	.95 -	1.41
Sour Lake	bbl.	.90 -	1.41
Spindle Top	bbl.	.95 -	1.41
Sugarland	bbl.	.95 -	1.41
West Columbia	bbl.	.95 -	1.41
Kentucky, Tennessee:—			
Big Sandy river	bbl.	1.42 -	—
Kentucky river	bbl.	1.50 -	—
Western Kentucky (Owensboro)	bbl.	1.30 -	—
Louisiana, Arkansas:—			
Bull Bayou	bbl.	.90 -	1.22
Caddo	bbl.	.90 -	1.22
Cameron Meadows	bbl.	.90 -	1.30
Choctaw	bbl.	.90 -	1.30
Cotton Valley	bbl.	.90 -	1.22
Darrow	bbl.	.90 -	1.30
De Soto	bbl.	.90 -	1.22
El Dorado	bbl.	.90 -	1.22
Haynesville	bbl.	.90 -	1.22
Homer	bbl.	.90 -	1.22
Iowa	bbl.	.90 -	1.30
Lockport	bbl.	.90 -	1.30
Miller County	bbl.	.90 -	1.22
Pine Island	bbl.	.90 -	1.22
Rainbow	bbl.	.90 -	1.22
Louisiana-Arkansas:—			
Rodessa	bbl.	.90 -	1.22
Smackover	bbl.	.90 -	—
Tepetate	bbl.	1.24 -	—
Urania	bbl.	1.02 -	—
Mexico, f.o.b. terminals Mexican ports—based on contract:—			
Panuco	bbl.	1.05	Nom.
Tax, 14.175c. per bbl.			
Tuxpan	bbl.	No prices	
Tax, 23.070c. per bbl.			
Midcontinent:—			
North Texas	bbl.	.96 -	1.20
Oklahoma-Kansas	bbl.	.93 -	.130
Altus, Tipton (Okla.),	bbl.	.96 -	1.20
Pennsylvania, Ohio West Virginia:—			
Bradford-Allegany	bbl.	1.80 -	—
Corning	bbl.	1.17 -	—
Pennsylvania grade, in Buckeye lines.	bbl.	1.30 -	—
Eureka lines.	bbl.	1.40 -	—
N. Y. Transit lines.	bbl.	1.80 -	—
S. W. Penn. lines.	bbl.	1.46 -	—
lower district in National Transit lines.	bbl.	1.68 -	1.73
Rocky Mountain:—			
Big Muddy	bbl.	1.18 -	1.23
Canon City-Florence	bbl.	1.10 -	—
Cat Creek	bbl.	1.40 -	—
Dutton Creek	bbl.	1.06 -	1.30
Elk Basin	bbl.	1.30 -	—
Fort Collins-Wellington,	bbl.	1.01 -	1.25
Frannie, light	bbl.	.65 -	—
Grass Creek	bbl.	.50 -	—
Greybull	bbl.	1.30 -	—
Iles	bbl.	1.12 -	1.18
Lance Creek	bbl.	.97 -	—
Lander	bbl.	.51¼-	—
Midway	bbl.	1.00 -	1.30
Rocky Mountain—			
Rock Creek	bbl.	1.20½-	—
Salt Creek	bbl.	1.06 -	1.30
Sunburst	bbl.	1.20 -	—
Torchlight	bbl.	1.30 -	—
South, Central and Southwestern Texas:—			
Cass County	bbl.	.98 -	1.28
Cleveland-Liberty	bbl.	1.27 -	—
Conroe	bbl.	1.20 -	1.44
Darst Creek	bbl.	1.09 -	—
Hardin-Liberty	bbl.	1.15 -	—
Luling	bbl.	1.00 -	—
Lytton Springs	bbl.	1.12 -	—
Mirando (incl. Duval)	bbl.	.96 -	1.30
Panola County	bbl.	.93 -	1.25
Salt Flat	bbl.	1.09 -	—
Tomball	bbl.	1.20 -	1.44
West Beaumont	bbl.	.95 -	1.41
Van	bbl.	1.10 -	—
Texas Panhandle:—			
Carson-Hutchinson counties,	bbl.	.91 -	1.08
Gray County	bbl.	.96 -	1.08
West Texas:—			
Artesia, N. M.	bbl.	.90 -	—
Crane	bbl.	.78 -	1.08
Crockett	bbl.	.78 -	1.08
Ector	bbl.	.78 -	1.08
Eddy (N. M.)	bbl.	.90 -	—
Hogback	bbl.	1.33 -	—
Howard	bbl.	.78 -	1.08
Jackson, N. M.	bbl.	.90 -	—
Lea, N. M.	bbl.	.78 -	1.08
Maljamar, N. M.	bbl.	.90 -	—
Mitchell	bbl.	.78 -	1.08
Pecos	bbl.	.91 -	—
Upton	bbl.	.78 -	1.08
Winkler	bbl.	.78 -	1.08
Ether, 30-60°, dms., c.l., G. 3,	gal.	.14 -	—
l.c.l., G. 3	gal.	.25 -	—
tanks, G.3	gal.	.13 -	—
35-60°, dms., l.c.l., G.3	gal.	.30 -	—
40-75°, dms., c.l., G.3	gal.	.14 -	—
l.c.l., G.3	gal.	.25 -	—
tanks, G.3	gal.	.13 -	—
laboratory grade, dms., c.l., G.3.	gal.	.14 -	—
c.l., G.3	gal.	.25 -	—
10-gal. lots, G.3	gal.	.50 -	—
Lacquer, diluent, at refinery:—			
California 60, 100 f.b.p., 200 e.p., tanks, delvd. Los Angeles	gal.	.11 -	—
San Francisco	gal.	.11½-	—
f.o.b. Richmond	gal.	.11½-	—
Willbridge, Ore.; Pt. Wells, Wash.	gal.	.12 -	—
East Coast, tanks	gal.	.12 -	.12½
Group 3, tanks	gal.	.07⅞-	—
Naphtha, cleaners', at refinery:—			
East Coast, tanks	gal.	.10 -	—
Group 3, tanks	gal.	.06⅞-	—
tankwagon, Boston, ex tax,	gal.	.13 -	—
Bridgeport	gal.	.13½-	—
Chicago, inc. 4c. tax.	gal.	.17½-	—
Decatur, inc. 4c tax.	gal.	.194 -	—
Des Moines, inc. 4c. tax.	gal.	.192 -	—
Evansville, inc. ex tax.	gal.	.14½-	.15½
Milwaukee, inc. 5c. tax,	gal.	.206 -	—
Minneapolis-St. Paul, inc. 5c. tax.	gal.	.208 -	—



How to make a big BOOM

SOME businesses boom and become the big noise in their industry. Some just make a big noise and go boom.

In either case, the quality of the product has much to do with the size of the boom.

That's why successful paint manufacturers keep such a vigilant watch on the quality of their ingredients — especially their naphthas. For many of these manufacturers have found that unstable naphthas are the principal cause of gum formation, discoloration, and livering.

Since unstable naphthas will pass all routine laboratory tests, the only sure way to be safe is to be sure of the source of supply. And that means Shell! For over 600 skilled scientists — in 9 strategically located laboratories — are ever vigilant to maintain the stability, uniformity, and safety of Shell naphthas. Combine this with over 1500 Bulk Depots — ready to serve you anywhere, anytime — and you have America's Only Complete National Naphtha Service. Why not take advantage of it?

SHELL SHELL NAPHTHAS

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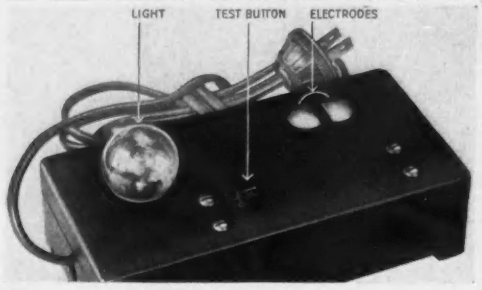
SOLVENT NEWS

Reg. U. S. Pat. Off.

JULY ★ A Monthly Series of Articles for Chemists and Executives of the Solvent-Consuming Industries ★ 1938



Electrical Resistance Detects Emulsion Type

An instrument for determining whether emulsions are the "water-in-oil" or "oil-in-water" type utilizes their difference in electrical conductivity, according to a recent article. A dab of the cream to be tested is placed between two nickel silver electrodes and the circuit is closed with a test button. An "oil-in-water" emulsion will pass sufficient current to light a low-wattage neon bulb, while a "water-in-oil" type will not, it is said.

Testing Cosmetic Creams

The author claims that the instrument is useful "in developing creams and other emulsions . . . to demonstrate whether a cream is of a 'nourishing' type, that is, water-in-oil, or a 'vanishing' type, oil-in-water . . ., to study the inversion of emulsions and also to determine whether an emulsion or cream is breaking."

Mfg. Chemists Assn. Told Cost of "Chemical Jobs"

SKYTOP, Pa.—It takes an average investment of $11,250 for each job in a chemical plant, or $8,156 based on "factory and non-factory chemical employees," members of the Manufacturing Chemists Assn. learned at their meeting here on June 2nd. This statement was read from the report of a survey made by the Chemical Alliance which also showed the $5,223 of the latter figure is for capital assets and $2,933 for working capital.

A record attendance of 200 members re-elected last year's officers as follows: president, E. M. Allen; vice presidents, George W. Merck, Charles Belknap, and J. W. McLaughlin; secretary, Warren N. Watson; executive committee, H. L. Derby, chairman, Leonard T. Beale, William B. Bell, R. N. Chipman, J. H. Dunbar, Russell H. Dunham, Lammot duPont, August Kochs, Clyde D. Marlatt, Charles W. Millard and Chas. S. Munson, president of the U. S. Industrial Alcohol Co.

New Reagent Identifies Viscose, Bemberg Silks

CAMBRIDGE, ENGLAND — Viscose and Bemberg silk may be readily distinguished in ultra-violet light by use of the following reagent, it is reported in *Nature:*

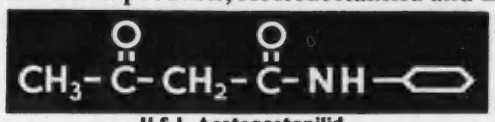
0.5 gram of acronol yellow T.S. is dissolved in 50 cc. alcohol and the solution mixed with a solution of 0.5 gram anhydrous sodium carbonate in 50 cc. water heated to boiling and allowed to cool. The material under examination is immersed for a few seconds in the reagent, then removed, washed with cold or warm water and examined in filtered ultra-violet light.

Bemberg silk fluoresces, it is said, with a brilliant bluish color, viscose a very dull blue, and cellulose acetate a luminous violet-blue.

U.S.I. Products Spur Advances In Color Photos and Resin Synthesis

Acetoacetanilid In New Color Photography Developer; Ethyl Acetoacetate Aids Amine-aldehyde Resin Manufacture

NEW YORK, N. Y.—To their important uses in the manufacture of Hansa yellows and other dyes may be added two potentially significant applications for the U.S.I. products, Acetoacetanilid and Ethyl acetoacetate, recent patents granted by Patent Offices in two countries indicate.



U.S.I. Acetoacetanilid

Successful application of Acetoacetanilid in a process for the production of colored photographic images in layers of gelatin or carrier, such as collodion or an organic ester of cellulose, is reported in this country by inventors Leopold D. Mannes and Leopold Godowsky, Jr.

On another front, a new British patent reveals how Ethyl acetoacetate may be used in the manufacture of amine aldehyde resins which have valuable properties.

Considering all the implications of the two patents, it would seem a fair guess that there remain many unexplored applications for Acetoacetanilid and Ethyl acetoacetate and that research with the compounds will pay dividends.

Has Reactive Methylene Group

Mannes and Godowsky, for example, found that when Acetoacetanilid is incorporated in a developer, colored compounds result from a coupling of the oxidation product of the developer (mono-, di-, and triamino aryl compounds) to the reactive methylene group of the Acetoaeetanilid, the patent papers disclose. An important condition which this reaction meets is, they assert, that the color forming compound (Acetoacetanilid) is not oxidized by the sodium sulphite which it is desirable to have in the developer.

This is especially valuable, they point out, because it makes possible the deposition of colored photographic images in the gelatin or other silver halide carrier adjacent to the metallic silver grain and simultaneously with development. Further, they emphasize, the dyes thus formed do not readily wander from the place of formation.

In other variations of the process, they mention that it is also possible to incorporate the Acetoacetanilid in the sensitive emulsion layer. Also, by employing films with superposed layers of emulsions, differentially sensitized, the dyes formed may be bleached, col-

(*Continued on next page*)

Varnish Makers Can Reduce Resin Stocks

How the varnish maker can reduce resin inventories by selecting from three fundamental types will be the subject of an article in the next issue of SOLVENT NEWS.

The three resins—Rauzene N-100, Rauzene N-300 and Rauzene QD 1—are phenolics manufactured by the Synthetic Resin Division of the U. S. Industrial Alcohol Co. Samples of these resins or others in a complete line of phenolics may now be secured from U.S.I.

Alcohol Is Solvent In New Dry Cleaning Fluid

COLORADO SPRINGS, Colo.—Denatured alcohol properly combined with other ingredients will produce an outstanding dry cleaning fluid, it is claimed in a patent granted an inventor here. A preferred formula described as both "pervious" to water and completely miscible with dry cleaners' gasoline or Stoddard's solvent is given as follows:

Benzol	53 oz.
Stoddard's solvent	32 "
Denatured alcohol, special formula	11 "
Oleic acid	16 "
Amyl acetate	3 "
Castile soap (by wgt.)	2 "
Ammonia water	3 "
Pure water	8 "
Caustic potash (by wgt.)	¼ "

The denatured alcohol the inventor prefers is composed of 100 parts by volume ethyl alcohol, 5 parts wood alcohol, or other pure methyl alcohol, 5 parts ethyl acetate, 1 part aviation grade gasoline. [Ed. Note—This is practically identical to the composition of U.S.I.'s proprietary solvent SOLOX.] Methyl alcohol, ethyl acetate and gasoline increase the solvent and detergent properties, it is said.

Because this liquid is free from heavy oils, it requires less distilling and caustic to purify after it has been used, the patentee declares. This features, he adds, also makes it an easy liquid to filter through fine metal screens.

SPOTTING

Removal of stubborn spots on fabrics, fur, leather goods, etc., without injury to the garment is claimed for the dry cleaning fluid, described above, made with alcohol. *Picture courtesy the National Cleaner & Dyer*

ADVERTISEMENT—*This entire page is a paid advertisement.*

JULY ★ SOLVENT NEWS ★ 1938

Water-saturated Butyl Alcohol Extracts Most Carotenoid From Cereal

WINNIPEG, MANITOBA—Extensive tests indicate that water-saturated butyl alcohol extracts more carotenoid pigment from cereal products than the naphtha-alcohol commonly used, experimenters from the Grain Research Laboratory here report.

Extracts obtained are easily centrifuged or clarified, are extremely brilliant and free from turbidity, and have comparable spectral distribution curves, their report, published in a recent issue of *Cereal Chemistry*, states. Other advantages in favor of butyl alcohol are its relatively low solvent power for the flavone pigments of flour and its stability to atmospheric moisture conditions.

Previous objections to naphtha-alcohol solution have been based on its sensitivity to moisture and a tendency to separate into two phases.

The experimenters investigated more than 60 commercially available organic solvents but state they found none which met all requirements as well as did butyl alcohol containing about 19.5% water of its weight at room temperature.

Claims Elimination Of Free Ions Stops Rust

SELINSGROVE, Pa.—How to prevent rust and corrosion on iron and steel by coating the surfaces with a composition which forms nonionizing iron salts is revealed in a patent recently granted an inventor here.

Nitrogen-containing chemicals such as ammonium sulfocyanate, potassium ferrocyanide, urea, and the like, are adaptable to this method of treatment, the patent reports. The inventor cites his preference for the ammonium compounds of these reagents, however, since it is easier, he claims, to eliminate such volatile bases by the heating or baking operation which is part of his process.

A typical composition is given as follows: Using 125 cc. of butyl alcohol as a blending agent, 200 cc. of gasoline are mixed with a solution consisting of 7 gr. of ammonium sulfocyanate in 75 cc. of methanol. The resulting solution is mixed with a suitable priming paint and applied to the iron or steel articles. Heating to about 200°F for about 30 minutes eliminates the ammonia and volatile solvents.

Surfaces treated in this manner may be subjected to any desired finishing operation, the inventor asserts.

U.S.I. Products Aid Color Photos, Resin Synthesis

(*Continued from previous page*)

ored and rebleached a number of times without destruction of the silver image, thus permitting the formation of natural colored images in superposed layers.

When 15 parts of acetoacetic ester (Ethyl acetoacetate), 43 parts of diethylaniline and 75 parts abietinol are mixed with 450 parts water and 700 parts acetaldehyde, a crude resinous material forms under certain conditions, British Patent 474,034 reveals.

Reacting this crude material with 190 parts of 30% formaldehyde solution and following with suitable treatment, results in the formation of a pale, hard resin with a softening point of 63° C. This resin, the patent papers continue, is suitable in many applications, a few of which are spirit varnishes, oleoresinous finishes, nitrocellulose lacquers, and as a polishing agent for light colored woods.

Of course, this is not the first time the importance of Ethyl Acetoacetate in synthesis has been recognized. The reactivity of the hydrogen on the Carbon adjacent to the $C00C_2H_5$ group is well known. As a further example, the products formed by the addition of ammonia, aniline, urea and like compounds have a tendency to close into ring structures of the most varied types.

U.S.I. Ethyl Acetoacetate

Many of these developments have been held in abeyance by the former high price of this ester. However, if the British Patent described is any criterion, it now seems established that, at its present moderate price, Ethyl Acetoacetate is destined for some unusual commercial uses, in addition to its present applications.

For more than a decade U.S.I. has been the foremost manufacturer of Ethyl Acetoacetate and Acetoacetanilid. Manufacturers may secure from U.S.I. samples of current production for experimental purposes.

TECHNICAL DEVELOPMENTS

Further information on these items may be obtained by writing to U.S.I.

Concrete, stucco and masonry can be protected against staining and efflorescence by spraying or brushing with a new transparent damp-proofing material, a recent announcement states. The liquid is said to be water-white, not a wax solution, and to have excellent penetrative qualities.
U S I **(No. 111)**

A viscosity stabilizer with strong wetting and anti-oxidant properties has been introduced, according to a recent report. It is soluble in all vegetable and animal fats, waxes, petroleum oils and distillates, the manufacturer states. Specific applications named are in varnish and lacquer manufacture, textile industry and in stabilizing suspensions of dry materials in oily mediums.
U S I **(No. 112)**

Glassine paper fused with a microscopic film of aluminum has been developed to provide a low cost metallic wrapping. Principal advantages of the product are high grease- and moisture resistance and repellency to light and heat, according to the manufacturer. **(No. 113)**
U S I

Rust preventive paint which can be applied directly over any rusted or new, damp or dry surface is now on the market. The paint resists acid and alkali fumes and brine and by penetrating beneath the rust particles expels moisture, the manufacturer states. It is available in four colors and aluminum and clear forms. **(No. 114)**
U S I

Glass, metal foil, stainless steel, aluminum, copper, etc., can be bonded to porous surfaces such as wood, plaster walls, etc., with a new "animal base" glue in water solution, according to the manufacturer. He also states that the glue does not "blister" under any weather conditions; may be applied by brushing or spraying, and can be made waterproof by suitable modifications.
U S I **(No. 115)**

A penetrating and bonding oil paint which is said to combine some of the best features of both oil and casein paints, has been introduced. Principal advantages listed by the manufacturer are: suitable to application directly over calcimine or whitewash and damp surfaces, and sealing of water stains in one coat. It can also be supplied with a fungus and termite preventive, an announcement states. **(No. 116)**
U S I

Economical and efficient agitation or mixing of lacquer, synthetic enamel and other pigmented finishing materials, is claimed for a new hinged-lid mixing tank. The hinged cover is said to permit quick, easy filling yet, when clamped down, provides an inert atmosphere which prevents oxidation, leakage and overrunning. **(No. 117)**
U S I

Fine copper particles for incorporating in lacquers and oil, varnish and synthetic vehicles are said to give a non-porous, more impervious film, better gloss and 10 to 25% more coverage than copper heretofore on the market. Pastel shades are available, the manufacturer reports.
(No. 118)

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DIAMYL PHTHALATE
DIBUTYL PHTHALATE
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DIMETHYL PHTHALATE

ACETIC ETHER
AMYL ACETATES
High Test Commercial
Technical Secondary
BUTYL ACETATES
Normal and Secondary
*DIATOL
DIETHYL CARBONATE

ETHYL ACETATES
85-88%, 95-98%, 99% and U.S.P
ETHYL LACTATE
ISOPROPYL ACETATE
AMYL PROPIONATE
BUTYL PROPIONATE

ANSOLS
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ACETOACETANILID
ACETOACET-O-CHLORANILID
ACETOACET-O-TOLUIDID
ETHYL ACETOACETATE
SODIUM ETHYL OXALACETATE
PARACHLOR-O-NITRANILINE

ACETONE
DIBUTYL OXALATE
DIETHYL OXALATE
ETHYL CHLORCARBONATE
ETHYLENE
URETHANE

*CURBAY BINDER
POTASH BY-PRODUCTS

*Trade-mark registered

Petroleum, naphtha, cleaners, tankwagon, Newark, ex tax	gal.	.12 -	—
New York, ex tax	gal.	.12 -	—
Omaha, ex tax	gal.	.144 -	.154
Oklahoma City, ex tax	gal.	.16 -	—
Philadelphia, ex tax	gal.	.11½-	—
St. Louis, inc. 1c. tax	gal.	.15 -	—
Syracuse, 150 gals.	gal.	.14 -	—
smaller lots, galv. drums	gal.	.16 -	—
milk cans	gal.	.21 -	—
high-solvency aromatic, No. 1, over 70% arom., tanks, f.o.b. Bayway	gal.	.16 -	—
2, over 90% arom., same basis	gal.	.18 -	—
3, tanks, f.o.b. Bayway	gal.	.18 -	—
8, tanks, f.o.b. Paulsboro, N. J.	gal.	.14 -	—
30, same basis	gal.	.16 -	—
40, same basis	gal.	.14½-	—
V. m. & p., at refinery:—			
California, 46.5, 254 i.b.p., 380 e.p., tanks, f.o.b. El Segundo	gal.	.11 -	—
Richmond	gal.	.11½-	—
Willbridge, Ore., Pt. Wells, Wash.	gal.	.12 -	—
54-57, 190 i.b.p., 310 e.p. tanks, dlvd. Los Angeles	gal.	.10 -	—
San Francisco	gal.	.10¼-	—
Portland, Seattle	gal.	.11 -	—
East Coast, tanks	gal.	.10 -	—
Group 3, tanks	gal.	.06¾-	—
tankwagon, Boston, ex tax	gal.	.13 -	.14
Chicago, inc. 4c. tax	gal.	.16½-	—
Decatur, inc. 4c. tax	gal.	.194 -	—
Des Moines, inc. 4c. tax	gal.	.192 -	—
Evansville, Ind., ex tax	gal.	.147 -	.157
Milwaukee, inc. 5c. tax	gal.	.206 -	—
Minneapolis-St. Paul, inc. 5c. tax	gal.	.208 -	—
Newark, ex tax	gal.	.12½-	—
New York, ex tax	gal.	.11 -	—
Omaha, ex tax	gal.	.144 -	.154
Philadelphia, ex tax	gal.	.12½-	—
St. Louis, inc. 1c. tax	gal.	.16 -	—
Solvent, rubber, at refinery, East Coast, tanks	gal.	.09½-	.10
Group 2, light, 120 i.b.p., 250 e.p., tanks	gal.	.06¾-	—
standard, 180 i.b.p., 288 e.p., tanks	gal.	.06¾-	—
Stoddard (CS 3-38), at refinery:—			
East Coast, tanks	gal.	.10 -	—
Group 3, tanks	gal.	.05¾-	—
tankwagon, Boston, ex tax,	gal.	.12½-	.13½
Chicago, inc. 4c. tax	gal.	.159 -	—
Decatur, inc. 4c. tax	gal.	.184 -	—
Des Moines, inc. 4c. tax	gal.	.182 -	—
Evansville, Ind., ex tax	gal.	.135 -	.145
Milwaukee, inc. 5c. tax,	gal.	.196 -	—
Minneapolis-St. Paul, inc. 5c. tax	gal.	.177 -	—
Newark, ex tax	gal.	.09½-	.11½
New Orleans, ex tax	gal.	.11 -	—
New York, ex tax	gal.	.09½-	.11½
Omaha	gal.	.131 -	.14
Philadelphia, ex tax	gal.	.10½-	.12½
St. Louis, inc. 1c. tax	gal.	.139 -	—
Tulsa, ex tax	gal.	.10 -	.11
Thinner, at refinery:—			
California, 34, 325 i.b.p., 390 e.p., low anilin, tanks f.o.b. Los Angeles	gal.	.14 -	—
Portland, Ore.	gal.	.15 -	—
Richmond	gal.	.13½-	—
Seattle, Wash.	gal.	.15½-	—
44, 311 i.b.p., 385 e.p., tanks, f.o.b. Point Wells, Wash.; Willbridge, Ore.,	gal.	.10½-	—
Richmond	gal.	.10 -	—
Southern Calif.	gal.	.09½-	—
50, 200 i.b.p., 300 e.p., tanks, f.o.b. El Segundo	gal.	.11 -	—
Portland, Ore.	gal.	.12 -	—
Richmond	gal.	.11½-	—
Seattle, Wash.	gal.	.12 -	—
East Coast, 43-47, tanks	gal.	.09½-	.10
47-49, tanks	gal.	.09½-	.10
New Jersey, tanks	gal.	.09 -	—
Group 3, tanks	gal.	.05¾-	—
tankwagon, tax included:—			
Albany	gal.	.13 -	—
Baltimore (100 gals.)	gal.	.12½-	.15½
25-99 gals.	gal.	.13½-	.15½
Boston	gal.	.12½-	.13½
Bound Brook, North Amboy, N. J.	gal.	.11½-	.13¼
Bridgeport, Conn.	gal.	.11½-	—
Buffalo	gal.	.12½-	—
Camden, N. J.	gal.	.10 -	.12
Chicago	gal.	.162 -	—
Decatur, Ill.	gal.	.184 -	—
Des Moines	gal.	.182 -	—
Evansville, Ind.	gal.	.137 -	.147
Milwaukee	gal.	.196 -	—
Minneapolis-St. Paul	gal.	.198 -	—
Newark	gal.	.09½-	—
New York (200 gals.)	gal.	.09½-	.11
Omaha	gal.	.131 -	.141
Philadelphia	gal.	.10 -	—
Pittsburgh	gal.	.12 -	.14
Providence	gal.	.12½-	.13½
Rochester	gal.	.12 -	—
St. Louis	gal.	.15 -	—
Syracuse	gal.	.14 -	—
Trenton	gal.	.11½-	.14
Wilmington, Del.	gal.	.11½-	.13½
Phenobarbital, bots., 5 lbs.	lb.	4.35 -	—
bots. or cns., spot or contract, 100 lbs.	lb.	4.00 -	—
cns., 25 lbs.	lb.	4.25 -	—
Phenol, USP, dms., c.l., works, frt. equald.	lb.	.14½-	.15½
l.c.l., same basis	lb.	.15½-	.16¼
under 1,000 lbs.	lb.	.16½-	.17¼
tanks, works.	lb.	.13½-	—
Phenolphthalein, USP, bbls., dms., 2,000-lb. lots	lb.	.85 -	—
bbls., dms., kegs, 100-250 lbs.	lb.	.87 -	.89
Phenolphthalein, yellow, fib., dms., 2,000-lb. lots	lb.	.80 -	—
100-lb. fib., dms.	lb.	.82 -	—
25-lb. dms.	lb.	.87 -	—
50-lb. kgs.	lb.	.84 -	—
Phenyl chloride, dms.	lb.	.17 -	—
Phenylacetaldehyde, bots.	lb.	2.25 -	3.50
Dimethylacetate, cns.	lb.	14.50 -	15.00
Phenylethylphenyl acetate, bots.,	lb.	7.00 -	15.50
Phenylhydrazine base, CP, bots.	lb.	4.00 -	—
Hydrochloride, CP, bots., works.	lb.	4.00 -	—
commercial, kgs., works.	lb.	1.50 -	—
pure, bbls., works.	lb.	2.25 -	—
Phloroglucinol, CP, tins, works.	lb.	20.00 -	22.00
tech., tins, works.	lb.	15.00 -	16.50
Phosphate rock, Fla., high-grade, hard, 77% basis, 76% min., bulk, mines.	long ton.	4.35 -	—
land pebble, 68% min., bulk, mines.	long ton.	1.85 -	—
70% min., bulk, mines,	long ton.	2.35 -	—
72% min., bulk, mines,	long ton.	2.85 -	—
75% basis, 74% min., bulk mines.	long ton.	3.85 -	—
Tenn., 72% bulk, mines,	long ton.	4.50 -	—
75%, bulk, mines.	long ton.	5.50 -	—
Phosphorus, red, cs.	lb.	.40 -	.44
Yellow, cs.	lb.	.24 -	.30
Phosphorous, oxychloride, cyls.	lb.	.15 -	.18
Sesquisulphide, cs.	lb.	.38 -	.42
Trichloride, cyls.	lb.	.15 -	.18
Phthalamide, bbls., tons	lb.	.35 -	—
single bbls.	lb.	.40 -	—
kgs.	lb.	.45 -	.50
Phthalic anhydride, dms., c.l., works, frt. alld. E. of Miss. R.	lb.	.14½-	—
l.c.l., same basis	lb.	.15½-	—
Pichi leaves, bgs.	lb.	.10 -	.12
Pilocarpine hydrochloride, bots., vis.	oz.	2.40 -	2.50
Nitrate, bots., vis.	oz.	2.90 -	3.09
Pimento, bgs.	lb.	.14 -	.14½
Pinkroot, bls.	lb.	.35 -	.36
Pitch, Burgundy (see B)			
Coaltar, 160° m.p., bbls., c.l., works.	ton.	19.00 -	—
l.c.l.	ton.	22.00 -	—
hardwood, 1-time, dm., c.l., dlvd. Akron.	ton.	23.75 -	24.00
linseed, dms.	lb.	.05 -	.05¼
Petroleum (see Asphaltum, Mexican, Texas)			
Pine, bbls.	lb.	6.00 -	6.25
Plaster of paris (see Gypsum).			
Pleurisy root, bls.	lb.	.11 -	.12
Podophyllin, dms.	lb.	5.00 -	5.25
Poke root, bls.	lb.	.07½-	.08
Pomegranate bark, bgs.	lb.	.16 -	.17
Root bark, bgs.	lb.	.35 -	.36
Poppy flowers, red, bls.	lb.	.75 -	.85
Seed, Dutch, bgs.	lb.	.09¾-	.10¼
Polish, bgs.	lb.	.09¾	Nom.
Potash abietate	lb.	.08 -	—
Acetate, tech., bbls., dlvd.	lb.	.26 -	—
kgs., dlvd.	lb.	.28 -	—
Potash, acetate, USP, bbls., 250 lbs.	lb.	.28 -	—
kgs., 100 lbs.	lb.	.30 -	—
cns., 25 lbs.	lb.	.33 -	—
Arsenite, USP, solut., cbys., 100 lbs.	lb.	.11 -	—
demj., 50 lbs.	lb.	.12 -	—
Potash, bicarbonate, USP, cryst., bbls. 300 lbs.		.15 -	—
kgs., 100 lbs.	lb.	.17 -	—
gran., bbls., 250 lbs.	lb.	.15 -	—
kgs., 100 lbs.	lb.	.17 -	—
Bichromate, spot, c.l., works.	lb.	.08⅝-	—
6 casks or 10 bbls., or over, works.	lb.	.09 -	—
5 casks or 9 bbls., or less, works.	lb.	.09¼-	—
Binoxalate, dms.	lb.	.23 -	—
Bisulphate, kgs.	lb.	.14 -	.18
Bromide, USP., gran., bbls., 500 lbs.	lb.	.31 -	—
fib., dms., 100 lbs.	lb.	.32 -	—
Carbonate, calc., dms., c.l., works.	lb.	.05½-	—
l.c.l., same basis	lb.	.05¾-	—
hydrated, 83-85%, bbls., c.l., works.	lb.	.05½-	—
l.c.l., same basis	lb.	.05¾-	—
liquid, dms., c.l., dlvd.	lb.	.03 -	—
l.c.l., dms.	lb.	.03½-	—
tanks, dlvd.	lb.	.02871/2-	—
USP, gran., bbls., 325 lbs.,	lb.	.14 -	—
powd., bbls., 325 lbs.	lb.	.19 -	—
kgs., 100 lbs.	lb.	.21 -	—
Caustic, flake, 88-92%, dom., dms., c.l., works.	lb.	.07 -	—
l.c.l.	lb.	.07¼-	.07½
import, dms.	lb.	.07 -	.07½
liquid, 45% basis, dms.	lb.	.03½-	.03½
tanks	lb.	.02⅞-	—
solid, 88-92%, dom., dms., c.l., works.	lb.	.06¼-	—
l.c.l.	lb.	.06½-	.06¾
import, csks.	lb.	.06¼-	.06¾
Chlorate, cryst., kgs.	lb.	.09¼-	.09¾
gran., kgs.	lb.	.12 -	.13
powd., kgs.	lb.	.08½-	.09
Chloride, tech., 98%, cryst., bgs., kgs.	lb.	.04 -	.06
Chromate, kgs.	lb.	.24 -	.27

Pet. Naphtha—Pot. Muriate

Potash, citrate, USP, gran., bbls., 250 lbs.	lb.	.33½-	—
kgs., 100 lbs.	lb.	.34½-	—
cns., 50 lbs.	lb.	.35½-	—
cns., 25 lbs.	lb.	.37½-	.38⅛
Cyanide, cns., dms.	lb.	.50 -	.55
Glycerophosphate, 75%, sol., dms., 1,000-lb. lots.	lb.	.90 -	—
100-lb. lots	lb.	1.00 -	—
50-lb. lots, cbys. or cns.	lb.	1.05 -	—
25-lb. lots, cns.	lb.	1.15 -	—
Guaiacolsulphonate, nn., ams., 100 lbs.		1.65 -	—
cns., 25 lbs.	lb.	1.75 -	—
Hydroxide, USP, sticks, cns., 100 lbs.	lb.	.30½-	.32
Hypophosphite, nnc., 100 lbs.,	lb.	.72 -	—
25 to 50 lbs.	lb.	.75 -	—
Iodate, bbls., bots., 5 lbs.	lb.	3.17 -	—
cns., 25 lbs.	lb.	3.05 -	—
Iodide, bbls., 250 lbs.	lb.	.93 -	—
bots., or cns.	lb.	1.02 -	1.28
dms.	lb.	.95 -	.96
Kainit, 20% K_2O, bulk, c.l.f., ports.	ton.	12.25 -	—

Prices for potash kainit, manure salts, muriate, sulphate and potash magnesia sulphate for July 1938-May 1939 are subject to discount according to the time orders are placed and the time of delivery. See fertilizer market report for particulars.

Manure salt, dom., run of mine, approx. 30%, K_2O, bulk, c.l.f. ports, unit-ton.		.58½-	—
Import, 30%, K_2O, bulk, shipt. unit-ton.		.58½-	—
Metabisulphite, kgs.	lb.	.12 -	.13⅛
Muriate, dom., all strengths, min., 50% K_2O bulk,	unit-ton.	.53½-	—

"Even if You're Buying on Price *BE SURE TO GET Skellysolve Quotations* and Skellysolve Dependability"

A. ERNEST MACGEE

Manager Skellysolve Division, Skelly Oil Company

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Dependability of prompt delivery, always.

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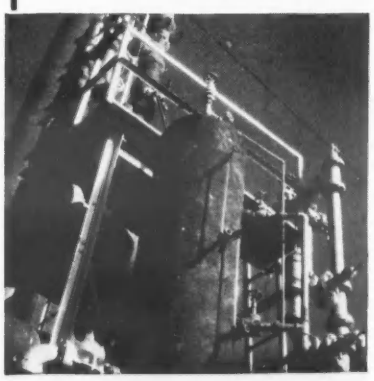
So if you are ever tempted by "price-cutting" let's talk it over first and work out a product and a service that you *know* you can depend on.



One of Skelly's natural gasoline plants at Lyman, Oklahoma, that insure an uninterrupted supply for years to come.

SKELLYSOLVE

SOLVENTS DIVISION, Skelly Oil Co., 121 W. Wacker Drive, Chicago

Write or wire for information or prices without delay.

Pot., Muriate—Soda Fluoride

Potash muriate, import, all strength, min. 80% KCl, basis 50% K_2O, bulk, c.i.f. ports..unit-ton. .53½- —
Potash muriate prices in bags are $2 per ton higher than bulk price.
Oxalate, pure, cryst., kgs..lb. .30 - .31
tech., bbls.....lb. .25 - .26
Nitrate, crude, bgs., c.i.f. ports. ton.55.00 Nom.
Perchlorate, kgs., works....lb. .09 - .10½
Permanganate, tech., dms...lb. .18½- .19
Prussiate, red, bbls. .....lb. .32 - .34
Yellow, bbls. .....lb. .15 - .16
Ricinoleate, tech., bbls.....lb. .13 - —
Silicate alkaline, lump, bgs., lb. .07 - —
Sulphate, NF, cryst., bbls., 400 lbs..lb. .13 - —
kgs., 100 lbs.....lb. .15 - —
powd., bbls., 350 lbs.....lb. .14 - —
kgs., 100 lbs.....lb. .16 - —
tech., 90-95%, min. 90%, bgs., shipt., c.i.f. ports..ton.38.00 - —
l.c.l. .....lb. .13½- —
Xanthate, dms., c.l.....lb. .13 - —
Potash-magnesia sulphate, 48-53%, min. 48%, bgs., shipt. ton.25.75 - —
Potash-titanium oxalate, kgs...lb. .35 - .40
Prickly ash bark, bls.....lb. .11 - .12
Berries, bls.....lb. .15 - .16
Prince's pine herb, bls.....lb. .21 - .22
Propane, tanks, G.S.....gal. .03 - —
Psyllium seed (see Fleaseed).
Pulsatilla, bls. .....lb. .17 - .18
Pumice stone, Italian, Amer.-grd., 4F, 3F, 2F, 1½F, and coarser, bbls., 3 or over, works..lb. .03 - —
less than 3, works..lb. .03½- —
F and 1, bbls., 3 or over, works..lb. .03½- —
less than 3, works..lb. .04 - —
O, O-½, O-¾, and ½, bbls., less than 3, works..lb. .04½- —
3 or over, works..lb. .04 - —
Ital.-grd., bgs., c.l., shipt. ex dock, N.Y. .ton.32.85 Nom.
l.c.l., 5-29 tons, ex whse., ton.37.70 - —
1,000-10,000 lbs., ex whse..ton.38.70 - —
2 bgs. to 1,000 lbs., ex whse..ton.40.70 - —
single bgs., ex whse.ton.45.70 - —
Pumpkin seed, bgs.....lb. .10 - .12
Purple lake (see Red).
Putty, com'l, dms.....100 lbs. 3.00 - —
linseed oil, raw, dms....100 lbs. 4.50 - —
refined, dms.....100 lbs. 5.00 - —
standard, dms.....100 lbs. 3.95 - —
Pyrethrum concentrate, liq. (20 to 1), basis 2.4% pyrethrins (Seil test) 55-gal. dms. (incl.) frt. alld. E. of Rockies, standard brand..gal. 6.40 - 6.75
basis (30 to 1) 3.6% pyrethrins 55-gal. dms., (incl.) frt. alld. E. of Rockies, standard brand..gal. 9.60 - 9.95
Pyrethrum, flowers, coarse, grnd. (g.d.p.), Japan, bgs., frt. alld., 15 tons or over..lb. .23¾- —
fine powd. Japan, bbls., ton lots, frt. alld..lb. .25¼- —
Pyridin, denaturing, dms....gal. 1.53 - —
refd., 2°, dms. .....lb. .45 - —
Pyrites, Spanish, bulk, c.i.f. Atl. ports..unit-ton. .12-13 Nom.
Pyrocatechin, CP, cryst., works, fib, dms, tins..lb. 2.15 - 2.40
resublimed, fib. dms., tins..lb. 4.60 - —
Pyrophyllite, standard, 200 mesh, c.l. mines..ton. 9.00 - —
325 mesh, same basis.....ton.12.00 - —
No. 3, 200 mesh, c.l. mines.ton. 7.50 - —
325 mesh, same basis.....ton.10.50 - —
Pyroxylin, scrap, amber, cs., works..lb. .15 - —
black, cs., works.....lb. .10 - —
China white, ivory, cs., works..lb. .16 - —
dense white, cs., works..lb. .12 - —
gray, cs., works.....lb. .10 - —
mixed, mottles, opaque, cs., works..lb. .04 - —
shell-dem., cs., works....lb. .12 - —
translucent pastels, cs., works..lb. .10 - —
transparent, cs., works...lb. .20 - —
colors, cs., works.....lb. .12 - —
shavings, amber, cs., works..lb. .16 - —
colors, mixed, cs., works.lb. .10 - —
white, cs., works.....lb. .15 - —

Q

Quassia, chips, bls.....lb. .05 - .06
Quebracho extract, liquid, 35% tan., bbls., works..lb. .03¾- —
tanks, works.....lb. .02½- —
solid, 63%, bgs, c.l., ex dock, plus duty..lb. .04 - —
clarified, 64%, bgs., c.l., same basis..lb. .04¼- —
Queen of the meadow leaves, bgs..lb. .07 - .08
Root, bgs.....lb. .09 - .10
Quercitron, extract, liquid, 51°, bbls..lb. .07½- .08¼
solid, dms.....lb. .10 - .15½
Quicksilver, dom., flasks (76 lbs. net), divd., N.Y..flask.82.00 -83.50
Quince seed, bgs.....lb. .85 - 1.50
Quinidine, cryst., small cns...oz. .96 - —
large, cns.....oz. .98 - —
powd., precip., cans.....oz. .91 - —
Sulphate, cns.....oz. .67 - —
Quinine, 100 ozs., cns.....oz. .76 - —
Acetate, cns.....oz. .99 - —
Arsenate, cns.....oz. .99 - —
Arsenite, cns.....oz. 1.01 - —
Bisulphate, cns.....oz. .54 - —
Citrate, cns.....oz. .72 - —
Dihydrobromide, bots.....oz. .75 - —
Dihydrochloride, bots.....oz. .75 - —
Ethylcarbonate, cns.....oz. .75 - —
Ferrocyanide, cns.....oz. 1.01 - —
Formate, cns.....oz. .94 - —
Glycerophosphate, cns.....oz. 1.14 - —
Hydrochloride, cns.....oz. .68 Nom.
Hydrochlorosulphate, cns....oz. .75 - —
Hydroiodide, cns.....oz. .99 - —
Hypophosphite, cns.....oz. .99 - —
Phosphate, cns.....oz. .82 - —
Salicylate, cns.....oz. .73 - —
Sulphate, U.S.P. X, cns.....oz. .54 - —
U.S.P. XI, cns.....oz. .61 - —
Sulphocarbolate, cns.....oz. .97 - —
Tannate, cns.....oz. .57 - —
Tartrate, cns.....oz. .97 - —
Valerate, cns.....oz. .93 - —
Quinine-urea hydrochloride cns.oz. .75 - —

R

R salt, bbls.....lb. .52 - .55
Rapeseed, Belgian, bgs.....lb. .06¼- .07
Dutch, bgs.....lb. .06½- .07
Japanese, bgs. .....lb. .06 - .06½
Raspberries, dried, bls.....lb. .50 - .55
Red, alizarin lake, bbls., dlvd. N. of Tenn. and N.C., E. of Miss. R., including St. Paul, Minneapolis, Davenport, Rock Island, St. Louis..lb. 1.10 - 1.90
Red, Alizarin lake prices are ½c. higher dlvd. Ala., Fla., Ga., Ia. (Shreveport, 1¼c.), Miss., N. C., S. C., Tenn., Tex. (Dallas, Ft. Worth, 1¼c.; El Paso, 2c.), Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; ½c. higher dlvd. Pac. coast; for Denver, Pueblo, Salt Lake City, Wichita, prices are equalized with Chicago.
Cadmium, lithopone, deep shade, bbls., ton lots, works, frt. alld..lb. .85, - —
smaller lots, same basis, lb. .90 - —
kgs., ton lots, same basis, lb. .90 - —
smaller lots, same basis, lb. .95 - —
light shade, bbls., ton lots, same basis..lb. .70 - —
smaller lots, same basis, lb. .75 - —
kgs., ton lots, same basis, lb. .75 - —
smaller lots, same basis, lb. .80 - —
light-medium shade, bbls., ton lots, same basis..lb. .75 - —
smaller lots, same basis, lb. .80 - —
kgs., ton lots, same basis, lb. .80 - —
smaller lots, same basis, lb. .85 - —
maroon shade, bbls., ton lots, same basis..lb. .95 - —
smaller lots, same basis, lb. 1.00 - —
kgs., ton lots, same basis, lb. 1.00 - —
smaller lots, same basis, lb. 1.05 - —
medium shade, bbls., ton lots, same basis..lb. .80 - —
small lots, same basis, lb. .85 - —
kgs., ton lots, same basis, lb. .85 - —
smaller lots, same basis, lb. .90 - —
selenide, bbls., dark, works.lb. 2.50 - —
light, works.....lb. 2.25 - —
Orange, bbls., 100-lb. lots, works..lb. 1.50 - —
Carmine, 40 1-lb. cns., 500 lb- lb. 4.15 - —
dms., 500 lb. lots.....lb. 4.00 - —
100 lb. lots.....lb. 4.10 - —
Crocus martis (see Red, purple
Eosin toner, bbls.....lb. 1.50 - 1.60
Indian, pure, bbls., f.o.b. Bethlehem, Easton, E. St. Louis, N. Y..lb. .08¾- —
80%-85%, bbls., same basis..lb. .07¼- —
Iron oxide (see Red, oxide).
Lake C toner, bbls., same basis alizarin lake, contracts.lb. 1.25 - —
open order.....lb. 1.30 - —
Lithol toner, bbls., same basis, alizarin lake, contra..lb. .75 - —
open order.....lb. .80 - —
Rose lake, bbls.....lb. .20 - .30
Pink, bbls.....lb. .15 - .30
Lithol-rubin toner, bbls., same basis alizarin lake..lb. 1.85 - —
Maroon lake, 25%, kgs., same basis alizarin lake contracts. lb .40 - —
Oxide (see Red, purple oxide).
Mercury oxide, tech., dom.... bbls..lb. 1.26 - —
Metallic, bbls., Pa., works..lb. .02 - —
Orange, Persian (see O).
Oxide, pure, bbls., c.l., works, lb. .08½- —
l.c.l., works.....lb. .09¼- —
reduced, 85% copperas, oxide, bbls., l.c.l., f.o.b. Bethlehem, Easton, E. St. Louis, New Castle, N.Y..lb. .08¼- —
80% copperas oxide, bbls., same basis..lb. .07¾- —
Para, toner, concent., kegs, same basis alizarin lake, contracts..lb. .75 - —
open order.....lb. .80 - —
Persian Gulf oxide, bbls., l.c.l., f.o.b. Bethlehem, Easton, N. Y..lb. .04½- .04⅝
ex whse., Chicago, St. Louis..lb. .05⅞- —
San Fran., Los Ang., Portland, Seattle..lb. .05 - —
Phloxin toner (see Red, Eosin toner)
Phosphotungstic rhodamine Y. kgs..lb. 3.90 - —
Purple lake, kegs.....lb. .60 - 1.00
Oxide, bbls., f.o.b. Bethlehem, Easton, E. St. Louis..lb. .03 - —
Toner, kgs.....lb. 1.50 - 2.00
Scarlet ink toner, kgs., same basis alizarin lake..lb. .45 - —
Lake, kgs., same basis alizarin lake..lb. .25 - .30
Spanish oxide, bbls., dlvd..lb. .03¾ Nom.
Toluidin toner, kgs., same basis alizarin lake..lb. 1.35 - —
Tuscan, bbls., f.o.b. N. Y., E. St. Louis..lb. .11 - .40
Venetian, bbls., works.....lb. .0220- —
10%, bbls., works.....lb. .0245- —
15%, bbls., works.....lb. .0253- —
20%, bbls., works.....lb. .02¾- —
25%, bbls., works.....lb. .03 - —
30%, bbls., works.....lb. .03¼- —
35%, bbls., works.....lb. .0360- —
40%, bbls., works.....lb. .04 - —
Vermilion, Amer., bbls., same basis alizarin lake..lb. .15 - —
English quicksilver, bbls., 500 lb. 1.55 - —
smaller lots.....lb. 1.56 - 1.69
Red dyes are listed under Dyes.
Red precipitate, N. F., powd., fib. dms., 50 lbs. or more..lb. 1.51 - —
Red saunders wood, ground, bbls. lb. .12 - .17
Resorcinol, tech., dms., works.lb. .75 - .80
USP, cryst., bbls., works...lb. 1.50 - 1.55
Rhatany root, bgs.....lb. .09 - .10
Rhodinol, bots. .....lb. 6.65 -13.00
Rhubarb root, cs.....lb. .36 - .37
powd., bbls., kgs.....lb. .41 - .42
Rochelle salt, cryst., bbls., 5,000 lbs., 1 shipm't..lb. .17¾- —
smaller lots.....lb. .18¼- —
powd., bbls., 5,000 lbs., 1 shipt..lb. .16¾- —
smaller lots.....lb. .17¼- —
Rose flowers, pale, bls.....lb. .25 - .30
red, bls.....lb. 2.25 - 2.30
Rosemary flowers, bls.....lb. .25 - .30
Leaves, bls.....lb. .05 - .06
Rosin, gum B, bbls., ex docks, 280 lbs. 4.65 - —
D, bbls.....280 lbs. 4.90 - —
E, bbls.....280 lbs. 5.25 - —
F, bbls.....280 lbs. 5.65 - —
G, bbls.....280 lbs. 6.00 - —
H, bbls.....280 lbs. 6.00 - —
I, bbls.....280 lbs. 6.00 - —
K, bbls.....280 lbs. 6.00 - —
M, bbls.....280 lbs. 6.00 - —
N, bbls.....280 lbs. 6.00 - —
W. G., bbls.....280 lbs. 7.10 - —
W. W., bbls.....280 lbs. 7.00 - —
X, bbls.....280 lbs. 7.60 - —
Rottenstone, dom., bgs., c.l., f.o.b. mines..ton.35.00 - —
l.c.l., ex whse.....ton.50.00 - —
import., lump., bbls.....lb. .12 - —
powd., bbls. .....lb. .08½- .10
Rue, bls. .....lb. .15 - .16

S

Sabadilla seed, powd., bbls....lb. .19 - .20
Saccharin, dms., 100 lbs.....lb. 1.70 - —
cns., 25 lbs.....lb. 1.75 - 2.05
Safflower, bls.....lb. .25 - .26
Saffron, Mexican, bls.....lb. .28 - .29
Spanish, tins.....lb.27.00 -28.00
Safrol, cns.....lb. .52 - .53
dms. .....lb. .50 - .51
Sage, Dalmatian, stemless.....lb. .05¾- .06
garden, bls.....lb. .06¼- .06½
Sago flour, bgs.....lb. .02½- .03¼
Salicin, bots., 5 lbs.....lb. 5.00 - —
cns., 25 lbs.....lb. 4.75 - —
Salol, gran., bbls., 200 lbs.....lb. .90 - —
bxs., 25 lbs.....lb. .93 - —
kgs., 100 lbs.....lb. .99 - —
powd., fib. dms., 25 lbs.....lb. 1.03 - —
kgs., 100 lbs.....lb. 1.00 - —
Salt, rock, bgs., dlvd., N. Y..ton.13.20 -13.80
l.c.l., bgs., dlvd., N. Y..ton.15.00 -15.60
vacuum, common, fine, bgs., c.l., dlvd., N. Y..ton.15.30 - —
l.c.l., dlvd. N. Y.....ton.16.30 -21.00
Saltcake, grd., dom., bbls., works, ton.19.00 -25.00
bulk, works.....ton.15.00 - —
import, bulk, c.i.f.....ton.15.00 -16.00
Chrome (see Chrome cake).
Saltpeter, dbl. refined, cryst., 10-20 tons, bbls..100 lbs. 7.50 - 8.25
1-9 tons.....100 lbs. 7.65 - 8.40
less than ton lots..100 lbs. 7.90 - 8.65
gran., bbls., 10-20 tons, 100 lbs. 6.50 - —
1-9 tons.....100 lbs. 6.65 - —
less than ton lots..100 lbs. 6.90 - —
powd., bbls., 10-20 tons.100 lbs. 7.50 - —
1-9 tons.....100 lbs. 7.65 - —
less than ton lots..100 lbs. 7.90 - —
Santonin, cryst., cns.....lb.21.00 -22.00
Saponin, crude, cns.....lb. 1.45 - —
purified, bots., 5 lbs.....lb. 1.65 - —
cns., 25 lbs.....lb. 1.50 - —
Sarsaparilla root, Honduras, bls.lb. .40 - .41
Mexican, bls.....lb. .16 - .18
Sassafras, bark, ord., bls.....lb. .13 - .15
select, bls. .....lb. .18 - .20
Savory, bbls.....lb. .07 - .07½
Saw palmetto berries, bgs.....lb. .06½- .07
Scammony root, bgs.....lb. .06 - .07
Schaeffer's salt, bgs.....lb. .46 - —
Seidlitz mixture, bbls., 5,000 lbs., 1 shipm't..lb. .13¾- —
smaller lots.....lb. .14¾- —
kegs, 5,000 lbs., 1 shipm't..lb. .14¾- —
smaller lots.....lb. .14¾- —
Senega root, bls.....lb. .55 - .60
Senna leaves, Alexandria, bls.lb. .10 - .14
Tinnevelly, No. 1, bls.....lb. .09 - .10
2 bls.....lb. .07 - .08
3 bls.....lb. .05 - .06
powd., bbls., bxs.....lb. .09 - .10
siftings, bls.....lb. .10 - .11
Pods, bls.....lb. .05½- .06
Serpentaria root, bls.....lb. .75 - .80
Shellac, bleached, bonedry, bbls., f.o.b., N.Y..lb. .18 - .19
dlvd. Boston.....lb. .18½- .19½
Chicago .....lb. .18¾- .19¾
Pacific Coast.....lb. .21 - .22
refd., bbls., f.o.b. N. Y.....lb. .24 - —
dlvd. Boston.....lb. .24½- —
Chicago .....lb. .24¾- —
Pacific Coast.....lb. .27 - —
Garnet, bgs.....lb. .13½- .14
Orange, D.C., VSO., Diamond, cases..lb. .20 - .21
Superfine, bgs., f.o.b. Bost. N. Y..lb. .11½- .12
dlvd. Chicago.....lb. .12 - .12½
Pacific Coast.....lb. .15 - .15½
T.N., bgs., f.o.b. Bost. N. Y.lb. .11 - .11½
dlvd. Chicago.....lb. .11½- .12
Pacific Coast.....lb. .14 - .14½
Shellac varnish, orange, 5-lb. cut, bbls..gal. .85 - .95
4½-lb. cut, bbls.....gal. .80 - .90
4-lb. cut, bbls.....gal. .75 - .85
white, 5-lb. cut, bbls.....gal. 1.00 - 1.10
4½-lb. cut, bbls.....gal. .95 - 1.05
4-lb. cut, bbls.....gal. .90 - 1.00
Silica, amorph., dry-grd., 95-97%, 325 mesh, bgs. c.l., works.ton.17.00 - —
l.c.l., 2½ tons, works.ton.19.00 - —
smaller lots, works.ton.20.00 - —
wet-grd., 95-97%, 325 mesh, bgs., c.l., works..ton.18.00 - —
l.c.l., 2½ tons, works.ton.19.50 - —
smaller lots, works.ton.21.00 - —
400 mesh, bgs., c.l., works, ton.35.00 - —
l.c.l., 2½ tons, works.ton.36.50 - —
smaller lots, works.ton.38.00 - —
96-98%, 325 mesh., bgs., c.l., works..ton.20.00 - —
l.c.l., 2½ tons, works.ton.21.50 - —
smaller lots, works.ton.23.00 - —
99%, 325 mesh, bgs., c.l., works..ton.22.00 - —
l.c.l., 2½ tons, works.ton.25.50 - —
smaller lots.....ton.27.00 - —
hard-quartz, 140 mesh, bgs., c.l., works..ton.11.00 - —
l.c.l., works.....ton.16.00 - —
Silver bullion.....oz. .42¾- —
Govt. purchase.....oz. .6464- —
Nitrate, vis.....oz. .31½- .33⅛
Nucleinate, bots., cns., 480 ozs., oz. .30 - .31
Proteinate, bots., cns., 480 ozs., oz. .29 - .30
Simaruba bark, bls.....lb. .27 - .28
Skatol, bots.....lb.75.00 -80.00
Skullcap, Eastern, bls.....lb. .30 - .35
Western, bls. .....lb. .17 - .18
Skunk cabbage root, bls.....lb. .20 - .22
Slate flour, bgs., c.l., works..ton. 9.00 - —
l.c.l., works.....ton.10.00 -15.00
Sloe berries, bgs.....lb. .09 - .10
Smalt, black, extra velvet, ctns. lb. .05 - .08
Blue, cts.....lb. .07 - .08½
Snakeroot, Canada, bls.....lb. .24 - .26
Soapbark, bls.....lb. .07 - .08
crushed, bls., bbls.....lb. .11 - .12
cut, bls., bbls.....lb. .09 - .10
powd., bbls. .....lb. .13 - .14
Soda, abietate, dms.....lb. .10 - —
Acetate, anhyd., dms., dlvd..lb. .08¼- —
flake, gran., powd., 60%, dms., c.l., dlvd..lb. .04 - —
l.c.l., dlvd. ....lb. .04½- .05
Alginate, dms.....lb. .69 - —
Antimoniate, bbls.....lb. .12 - .12½
Arsenate, dms., dealers, c.l., works..lb. .08 - —
l.c.l., dms., works.....lb. .08½- —
Arsenite, dry, gray, dms., c.l., dealers' works..lb. .07½- .09½
l.c.l., dms., works.....lb. .08 - .10
white, dms., c.l., dealers' works..lb. .09 - .12
l.c.l., dms., works.....lb. .09½- .12½
liquid, dms., works.....gal. .30 - .32
powd., bbls.....lb. .13 - .14
Soda arsenite, dry, gray, prices are ¾c. per pound higher in Chicago; 1c. per pound higher in Houston, Tex., and Colorado. White prices are 1c. per pound higher in Tex. and Colo.
Soda, ash, dense, 58%, bgs., c.l., works..100 lbs. 1.10 - —
l.c.l., Zone 1.....100 lbs. 2.13 - —
2 .....100 lbs. 2.28 - —
3 .....100 lbs. 2.33 - —
4 .....100 lbs. 2.93 - —
bbls., c.l., works...100 lbs. 1.35 - —
l.c.l., Zone 1.....100 lbs. 2.35 - —
2 .....100 lbs. 2.50 - —
3 .....100 lbs. 2.75 - —
4 .....100 lbs. 3.15 - —
bulk, c.l., works....100 lbs. .95 - —
extra light, 56%, bgs., c.l.... 100 lbs. 1.08 - —
l.c.l., Zone 1.....100 lbs. 2.08 - —
2 .....100 lbs. 2.23 - —
3 .....100 lbs. 2.48 - —
4 .....100 lbs. 2.88 - —
bbls., c.l., Zone 1..100 lbs. 1.45 - —
58%, bbls., c.l., Zone 2. 100 lbs. 2.60 - —
3 .....100 lbs. 2.85 - —
4 .....100 lbs. 3.25 - —
l.c.l., Zone 1.....100 lbs. 2.45 - —
bulk, c.l.....100 lbs. .90 - —
light, 56%, bgs., c.l., works. 100 lbs. 1.05 - 1.08
l.c.l., Zone 1.....100 lbs. 2.08 - —
2 .....100 lbs. 2.23 - —
3 .....100 lbs. 2.48 - —
4 .....100 lbs. 2.88 - —
bbls., c.l., works....100 lbs. 1.35 - —
l.c.l., Zone 1.....100 lbs. 2.35 - —
2 .....100 lbs. 2.50 - —
3 .....100 lbs. 2.75 - —
4 .....100 lbs. 3.15 - —
bulk, c.l.....100 lbs. .90 - —
Soda ash l.c.l. prices are per 100 lbs. f.o.b. recognized warehouse points and include delivery in any quantity to customer's sidewalk within recognized local trucking distance of seller's warehouse. The sales zones are:—Zone 1, E. of Miss. R., but including Davenport and St. Louis, to S. bndry. of Va. and Ky., N. E. States (in Me., N. H., Vt.), special local prices apply for shipts. to various counties; Zone 2, Ala., Fla., Ga., Iowa (except Davenport), E. Kan. (incl. Wichita), Minn., Miss., Mo. (except St. Louis), N. C., Omaha, S.C., Tenn.; Zone 3, Ark., Kan. (W. of Wichita), La., Neb. (except Omaha), N.D., Okla., S.D., Tex. (except El Paso); Zone 4, Ariz., Colo., El Paso (Tex.), Idaho, Mont., Nev., N.M., Spokane, Utah, Wyo.; Zone 5, Calif., Ore., Wash. (except Spokane).
Benzoate, tech., bbls., 4,000 lbs. or more..lb. .39 - —
1,000 to 3,900 lbs.....lb. .40 - —
900 lbs. or less.....lb. .43 - —
USP, bbls., 4,000 or more. lb. .46 - —
1,000 to 3,900 lbs.....lb. .47 - —
900 lbs. or less.....lb. .50 - —
dms, 4,000 lbs., or more..lb. .47 - .48
1,000 to 3,900 lbs.....lb. .48 - .49
900 lbs. or less.....lb. .51 - .52
Bicarbonate, gran., bbls., c.l., works..100 lbs. 2.25 - —
powd., bbls., c.l., works, 100 lbs. 1.85 - —
l.c.l., dlvd. N. Y...100 lbs. 2.51 - —
kgs., c.l.....100 lbs. 2.10 - —
l.c.l., dlvd. N. Y...100 lbs. 2.76 - —
Bichromate, spot, c.l., works, lb. .06¾- —
6 cks, or 18 bbls. or over, works..lb. .07 - —
5 cks, or 9 bbls. or less, works..lb. .07¼- —
Bifluoride, bbls.....lb. .12½- .15
Bisulphite, powd., bbls., c.l., bbls., wks.....100 lbs. 3.30 - 3.55
l.c.l., works.....100 lbs. 3.50 - 3.60
solution, 32 deg., bbls., c.l., works..100 lbs. 1.30 - —
l.c.l., bbls., works..100 lbs. 1.55 - —
33 deg., bbls., c.l., works, 100 lbs. 1.35 - —
l.c.l., bbls., works.100 lbs. 1.60 - —
35 deg., bbls., c.l., works, 100 lbs. 1.40 - —
l.c.l., bbls., works.100 lbs. 1.65 - —
40 deg., bbls., works.100 lbs. 1.55 - —
l.c.l., bbls., works.100 lbs. 1.80 - —
Bromide, USP, gran., bbls., 500 lbs..lb. .31 - —
fiber dms., 100 lbs.....lb. .32 - —
Cacodylate, bots., 5 lbs.....lb. 5.81 - —
jars, 25 lbs.....lb. 5.50 - —
Carbonate (see Soda ash, soda monohydrated, soda, sal)
Caustic, flake, 76%, 1, gr., powd., ammon. process, bbls., c.l., works..100 lbs. 2.70 - —
dms., c.l., works...100 lbs. 2.70 - —
l.c.l., Zone 1....100 lbs. 3.55 - 4.90
2 .....100 lbs. 3.70 - 5.05
3 .....100 lbs. 3.95 - 5.30
4 .....100 lbs. 4.35 - 5.70
electro process, dms., c.l., works..100 lbs. 2.70 - —
l.c.l., same zone prices as ammonia process.
liquid, 47-49% buyer's tanks, works..100 lbs. 1.95 - —
seller's tanks, works, 100 lbs. 1.97½- —
70%, buyer's tanks, works, 100 lbs. 1.97½- —
seller's tanks, works, 100 lbs. 2.00 - —
solid, 76%, ammon. process, dms., c.l., works...100 lbs. 2.30 - —
l.c.l., Zone 1....100 lbs. 3.15 - —
2 .....100 lbs. 3.30 - —
3 .....100 lbs. 3.55 - —
electro process, dms., c.l., works..100 lbs. 2.30 - —
l.c.l., same zone prices as ammon. process.
Caustic soda l.c.l. prices are on the same basis as those for soda ash. The sales zones are also the same,
Chlorate, dom., cryst., bgs., c.l., works..lb. .06¼- —
l.c.l., works.....lb. .06½- —
powd., bgs., c.l., works..lb. .06½- —
l.c.l., works.....lb. .07 - .08½
Citrate, U.S.P., VIII, gran., bbls..225 lbs. .19½- —
cns., 50 lbs.....lb. .21½- —
25 lbs.....lb. .23½- .24½
kgs., 100 lbs.....lb. .20½- —
USP XI, gran., bbls., 250 lbs. lb. .26 - —
cns., 50 lbs.....lb. .28 - —
25 lbs.....lb. .30 - .31
kgs., 100 lbs.....lb. .27 - —
U.S.P., XI, powd., bbls., 250 lbs..lb. .26½- —
cns., 50 lbs.....lb. .28½- —
25 lbs.....lb. .30½- .31½
kgs., 100 lbs.....lb. .27½- —
Cyanide, 96-98%, dom., dms...lb. .14 - .15
import., cs.....lb. .12¾- .13¾
Diacetate, 33-35% acidity, bbls., dlvd..lb. .09 - —
Fluoride, white, 90%, bbls., c.l., f.o.b. Phila..lb. .07¼- —
l.c.l., 10 or over, same basis..lb. .07¾- —
5-9, same basis.....lb. .08½- —
1-4, same basis.....lb. .08¾- —
95%, bbls., c.l., same basis, lb. .07½- —
l.c.l., 10 or over, same basis..lb. .08- —
5-9 same basis.....lb. .08½- —
1-4, same basis.....lb. .08¾- —
Soda fluoride prices at Los Angeles are f.a.s. Phila.

Soda, glycerophosphate, N. F., cryst., bbls., 1,000-lb. lots..lb. 1.00 - —
smaller lots.....lb. 1.15 - —
cns., 25 lbs.....lb. 1.40 - —
powd., bbls., 1,000-lb. lots.. lb. 1.06 - —
smaller lots.....lb. 1.20 - —
cns., 25 lbs.....lb. 1.45 - —
Hydrosulphite, bbls.....lb. .16 - .17
Hydroxide, USP., sticks, cns., 160 lbs..lb. .20½- .22
Hypophosphite, N.F., cns.... 100 lbs..lb. .67 - —
Hyposulphite, cryst., large, bgs, c.l., wks, frt. equal'd, 100 lbs. 2.25 - —
bbls., same basis..100 lbs. 2.45 - —
l.c.l., bgs., wks, frt. equal'd 100 lbs. 2.50 - —
bbls., same basis..100 lbs. 2.70 - —
100 lbs. 2.40 - 2.65
pea, bgs., c.l., works..100 lbs. 2.60 - —
bbls., works.....100 lbs. 2.80 - —
dms., works.....100 lbs. 3.10 - —
Hypophosphite, pea, 5,000 lbs. and over, bgs., wks.100 lbs. 2.75 - 3.00
bbls., wks.....100 lbs. 2.95 - 3.20
dms., wks.....100 lbs. 3.25 - 3.60
2,500 to 5,000 lbs., bgs., wks..100 lbs. 2.85 - 3.10
bbls., wks.....100 lbs. 3.05 - 3.30
dms., wks.....100 lbs. 3.35 - 3.60
500 to 2,500 lbs., bgs., wks., 100 lbs. 3.10 - 3.35
bbls., wks.....100 lbs. 3.30 - 3.55
dms., wks.....100 lbs. 3.60 - 3.85
less than 500 lbs., bgs., wks, 100 lbs. 3.70 - 3.95
bbls., wks.....100 lbs. 3.90 - 4.15
dms., wks.....100 lbs. 4.20 - 4.45
Iodate, jars.....lb. 5.02 - 5.07
Iodide, jars.....lb. 1.90 - 1.95
Mandelate, bots., 5 lbs.....lb. 3.30 - —
fib dms., 25 lbs.....lb. 3.15 - —
Metanilate, kgs.....lb. .41 Nom.
Metasilicate, ground, dms., c.l., works..100 lbs. 3.15 - —
l.c.l., works.....100 lbs. 3.40 - —
cryst., dms., c.l.....100 lbs. 2.90 - —
gran., bbls., c.l., works.100 lbs. 2.20 - —
Molybdate, kgs., wks.....lb. .60 - —
less kgs.....lb. .65 - —
Monohydrated, bbls.....100 lbs. 2.60 - —
works .....100 lbs. 2.80 - —
Naphthenate, bbls.....lb. .19 - —
Naphthionate, bbls.....lb. .52 - .54
Nitrate, crude, c.l., 100-lb. bgs., July delivery, f.o.b. cars producing point or ports, rail or boat shipment..ton.29.00 - —
200-lb. bgs. same basis.ton.28.30 - —
bulk, same basis.....ton.27.00 - —
rfd., gran., bbls., 10 tons.. 100 lbs. 2.50 - —
1-9 tons.....100 lbs. 2.65 - —
smaller lots.....100 lbs. 2.90 - —
pwd., bbls., ton lots.100 lbs. 5.65 - —
smaller lots.....100 lbs. 5.90 - —
Nitrite, 96-98%, dom., bbls., c.l., works, frt. equalized..lb. .06¾- —
c.l., West Coast, f.o.b. f.o.b. ports..lb. .08 - —
l.c.l.....lb. 08¼- 11¼
Soda nitrate l.c.l. price range represents delivery at various points.
Oxalate, neut., bbls.....lb. .09 - —
kgs.....lb. .11 - —
Perborate, N.F., bbls., c.l., works..lb. .14¾- —
l.c.l., works.....lb. .15¼- —
Phosphate, dibasic, tech., bgs., c.l., works..100 lbs. 1.85 - —
c.l., works...100 lbs. 1.85 - —
l.c.l., works.....100 lbs. 2.25 - —
bbls., c.l., works...100 lbs. 2.05 - —
l.c.l., works.....100 lbs. 2.40 - —
monobasic, anhyd., bbls., c.l., 100 lbs. 7.45 - —
l.c.l.....100 lbs. 8.20 - —
tribasic, bgs., c.l., works.. 100 lbs. 2.00 - —
l.c.l., works.....100 lbs. 2.40 - —
bbls., c.l., works...100 lbs. 2.20 - —
l.c.l., works.....100 lbs. 2.60 - —
kgs., c.l., works....100 lbs. 2.70 - —
l.c.l., works.....100 lbs. 3.10 - —
Picramate, kgs.....lb. .65 - —
Prussiate, yellow, bbls., works, lb. .09½- .10
Pyrophosphate, anhyd., c.l. bgs. 100 lbs. 6.00 - —
bbls.....100 lbs. 6.20 - —
l.c.l., bgs.....100 lbs. 8.80 - 9.05
bbls.....100 lbs. 9.00 - 9.25
crystals, bgs.....100 lbs. 7.80 - —
bbls.....100 lbs. 8.00 - —
l.c.l., bgs.....100 lbs. 8.30 - 8.55
bbls.....100 lbs. 8.50 - 8.75
Soda pyrophosphate annydrous and crystal prices are delvd.—Me., N. H., Vt., Mass., Conn., N. J., N. Y., R. I., Del., Md., D. of C., and Pa., east of Altoona. Other territory, f.o.b. works, for equalized with producing points.
Ricinoleate, tech., bbls.....lb. 12 - —
sal, bgs., dlvd., N. Y...100 lbs. 1.20 - —
works .....100 lbs. 1.00 - —
bbls., dlvd. N. Y.....100 lbs. 1.30 - —
works .....100 lbs. 1.10 - —
Salicylate, dxs.....lb. .52 - —
Sesquisilicate, dms., c.l., works. 100 lbs. 2.00 - —
20 dms. and up, dlvd.N.Y.C. 100 lbs. 3.65 - —
5-19 dms.....100 lbs. 4.10 - —
1-4 dms.....100 lbs. 4.30 - —
Silicate, 40° turbid., dms., c.l., works..100 lbs. .80 - —
l.c.l., 5 or more, works.. 100 lbs. 1.05 - —
1-4, works.....100 lbs. 1.20 - —
52°, dms., c.l., works..100 lbs. 1.40 - —
l.c.l., 5 or more, works.. 100 lbs. 1.65 - —
1-4, works.....100 lbs. 1.80 - —
Silicofluoride, com., bbls.....lb. .05¾- .06
import., bbls.....lb. .05 - .05¼
Stannate, dms.....lb. .28½- .31½
Stearate, lump, powd., bbls., works..lb..lb. .19 - .24
Sulphate, anhyd., bgs., bbls., c.l., works.....100 lbs. 1.45 - 1.65
5 tons or over, works..... 100 lbs. 1.70 - 1.90
less than 5 tons, works.... 100 lbs. 1.95 - 2.15
cryst. (see Glauber's salt).
Sulphide, cryst., bbls., c.l., works..100 lbs. 2.25 - —
l.c.l., 5 tons or over, dlvd. 100 lbs. 2.75 - —
less than 5 tons, dlvd.. 100 lbs. 3.00 - —
solid, bbls., c.l., works.100 lbs. 3.00 - —
l.c.l., 5 tons or over, dlvd. 100 lbs. 3.50 - —
less than 5 tons, dlvd. 100 lbs. 3.75 - —
Sulphite, cryst., bgs., works.. 100 lbs. 2.10 - 2.35
bbls.....100 lbs. 2.30 - 2.55
powd., bbls., c.l.....100 lbs. 5.25 - —
l.c.l., 5 or more...100 lbs. 5.50 - —
1-4.....100 lbs. 6.00 - —
Sulphocarbolate, cs.....lb. .27 - .28
Sulphocyanide, dms., cns...lb. .28 - .47
Sulphoricinoleate, bbls.....lb. .12 - —
Thiosulphate (see hyposulphite).
Tungstate, CP, kgs.....lb. 2.00 - 2.10
tech., kgs.....lb. 1.30 - 1.35
Solvent, high-flash, dms., works, frt., equald..gal. .31 - —
tanks, same basis.....gal. .26 - —
naphtha, solvent, dms., works, gal. .31 - —
tanks, E. of Omaha, frt., alld. gal. .26 - —
W. coast, f.o.b., Minnequa, Colo..gal. .26 - —
Sorbitol, com'l, solut., dms., c.l., works..lb. .17 - —
l.c.l.....lb. .18 - —
Sparteine sulphate, cns.....oz. 1.00 - 1.05
Spearmint leaves, bls.....lb. .19 - .20
Spikenard root, bls.....lb. .13 - .14
Spruce extract, bbls., works...lb. .01⅞- —
tanks, works.....lb. .01¼- —
powd., bgs.....lb. .04 - —
super, bbls., works.....lb. .01¾- —
tanks, works.....lb. .01⅜- —
Squawvine leaves, bls.....lb. .15 - .16
Squill red, bls.....lb. .14 - .15
white, bls.....lb. .09 - .10
powd., bbls. bxs.....lb. .12 - .18
St. Ignatius beans, bgs.....lb. .45 - .50
St. John's bread, bls.....lb. .06½- .07
Starch, corn, pearl, bgs., f.o.b. Chicago..100 lbs. 2.60 - 2.80
dlvd., N. Y.....100 lbs. 2.95 - 3.15
powd., bgs., f.o.b. Chicago, 100 lbs. 2.70 - 2.90
dlvd., N. Y.....100 lbs. 3.05 - 3.25
Potato, dom., bgs.....lb. .04 - .05
import, bgs.....lb. .05 - .06
Rice, bbls.....lb. .06¼- .07¼
Wheat, thick boil, bbls.....lb. .06¼- —
Staveacre seed, bgs. .....lb. .17 - .18
Stearin, oleo, bbls.....lb. .06½- .06¾
Stillingia root, bls.....lb. .08 - .09
Stoneroot, bls.....lb. .07½- .08
Storax, cs.....lb. .48 - .49
Stramonium leaves, bls.....lb. .10¼- .12
Seed, bgs.....lb. .09 - .10
Strontium bromide, fib, dms..lb. .57 - .58
kgs., 150 lbs.....lb. .55 - —
Carbonate, N.F., IV, 250-lb. bbls..lb. .30 - —
25-lb. bxs.....lb. .35 - —
100-lb. kgs.....lb. .32 - —
Chloride, bbls.....lb. .13½- —
Iodide, jars, 25 lbs.....lb. 3.80 - —
bots., 5 lbs.....lb. 2.75 - —
Nitrate, dom., bbls., c.l., works..lb. .06¼- —
25 bbls. and over.....lb. .06¾- —
1-4 bbls. and over.....lb. .09¼- —
Import, bbls.....lb. .08¼- .09¼
Strophanthus seed, Kombe, bgs.lb. 1.20 - 1.25
Strychnine, cryst., cns., 100-oz. lots..oz. .39 - —
powd., cns., 100-oz. lots...oz. .29 - —
Acetate, 25-oz. cns., 100-oz. lots..oz. .57 - —
Arsenate, 25-oz. cns., 100-oz. lots..oz. .60 - —
Arsenite, 25-oz. cns., 100-oz. lots..oz. .57 - —
Glycerophosphate, 25-oz. cns., 100-oz. lots..oz. .59 - —
Hydrochloride, 25-oz. cns., 100-oz. lots..oz. .57 - —
Hypophosphite, 25-oz. cns., 100-oz. lots..oz. .68 - —
Nitrate, 25-oz. cns., 100-oz. lots..oz. .50 - —
Phosphate, 25-oz. cns., 100-oz. lots..oz. .59 - —
Sulphate, cryst., cns., 100-oz. lots..oz. .35 - —
powd., cns., 100-oz. lots, oz. .23 - —
Styralyl acetate, bots.....lb. 6.75 - 7.00
Sucrose octa-acetate, denat. grade, bbls., l.c.l., works..lb. .45 - —
tech., bbls., l.c.l., works....lb. .40 - —
Sugar coloring, bbls.....gal. .70 - 1.10
Milk., bbls., c.l.....lb. .15 - —
l.c.l., 10 or over.....lb. .16 - —
less than 10.....lb. .17 - —
Sulfanilamide, 5 lb. bots.....lb. 1.90 - —
fib., dms., 1,000 lbs., 1 delivery, 100 lbs. 1.50 - —
100 lbs.....lb. 1.55 - —
Sulphonethylmethane, kgs.....lb. 6.75 - 6.80
Sulphonmethane, kgs.....lb. 5.25 - 5.30
Sulphur, crude, bulk, 1,000 tons, mines, contracts, long ton.18.00 - —
c.l., spot, nearby, long ton.21.00 - —
ex vessel, Balto., N. Y., Phila., Southern ports, long ton.22.00 -25.00
Bost., Portland..long ton.22.50 -25.00
flowers, bgs., c.l., works.100 lbs. 3.00 - —
bbls., works.....100 lbs. 3.25 - —
l.c.l., bgs., works..100 lbs. 3.25 - 3.75
bbls., wks.....100 lbs. 3.70 - 4.10
refined, broken, bgs., c.l., works. 100 lbs. 2.15 - —
bbls., works.....100 lbs. 2.30 - —
l.c.l., bgs., works...100 lbs. 2.50 - 2.90
bbls., works.....100 lbs. 2.65 - 3.05
flour, comm'l, bgs., c.l., works, 100 lbs. 1.65 - —
bbls., c.l., works..100 lbs. 1.95 - —
l.c.l., bgs., works...100 lbs. 1.95 - 2.35
bbls., works.....100 lbs. 2.60 - 2.70
extra fine, bgs., c.l., works, 100 lbs. 2.85 - —
bbls., works....100 lbs. 3.20 - —
heavy, bgs., c.l., works..100 lbs. 2.55 - —
bbls., works....100 lbs. 2.90 - —
l.c.l., bgs., works..100 lbs. 2.90 - 3.30
bbls., works....100 lbs. 3.25 - 3.65
light, bgs., c.l., works..... 100 lbs. 2.65 - —
bbls., works....100 lbs. 3.00 - —
l.c.l., bgs., works..100 lbs. 3.00 - 3.40
bbls., works....100 lbs. 3.35 - 3.75
rock, virgin, bbls., c.l., works, 100 lbs. 2.30 - —
l.c.l., bbls., works.100 lbs. 2.15 - —
roll, bgs., c.l., works..100 lbs. 2.35 - —
bbls., works....100 lbs. 2.50 - —
l.c.l., bgs., works...100 lbs. 2.70 - 3.10
bbls., works....100 lbs. 2.85 - 3.25
Chloride, 55-gal. dms., c.l.....lb. .03 - —
l.c.l. dms., works....lb. .04 - —
10-gal. dms., c.l.....lb. .07 - —
l.c.l.....lb. .08 - —
Dioxide, liq., com'l, cyls... works..lb. .07 - .09
multi-unit cars, works..lb. .04½- .07
tanks, works.....lb. .04 - .05
refrigeration, cyls., works.lb. .16 - .40
multi-unit cars, works..lb. .07½- .10
Iodide, bots., jars.....lb. 3.80 - 3.85
Sumac berries, bgs.....lb. .06 - .07
Sumac, grd., Sicilian, bls....ton.63.00 - —
leaf, bales.....ton.65.00 - —
Extract, 42°, bbls.....lb. .05¼- .06¼
51°, bbls.....lb. .06½- .08½
stainless, bbls.....lb. .06½- .08½
Sunflower seed, Calif., large, bgs., lb. .06 - .06½
medium, bgs. .....lb. .04½- .05
poultry, bgs.....lb. .03½- .04
Superphosphate, guaranteed, 16%, bulk, f.o.b. cars, boat, Balto. ton. 8.00 - —
run-of-pile, basis 16%, bulk, same basis..ton. 7.50 - —
triple, 44-45%, a.p.a., bulk, f.o.b. Balto..unit-ton. .75 Nom.

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Talc, dom., Calif., 1, bgs., c.l., mills..ton.20.00 - —
2, bgs., c.l., mills.....ton.17.00 - —
Talc, dom., N.Y., fibrous, 93-94%, 325 mesh bgs., c.l., mills..ton.14.00 - —
l.c.l., mills.....ton.16.00 - —
96-98%, 325 mesh, bgs., c.l., mills..ton.15.00 - —
l.c.l., mills.....ton.17.00 - —
98-99½%, 325 mesh, bgs., c.l., mills..ton.15.25- —
l.c.l., mills.....ton.17.25 - —
99.85-99.95%, 325 mesh, bgs., c.l., mills...ton.17.00 - —
coarse, off color, bgs., c.l., mills..ton.11.00 -13 00
Ohio, alum-mag. type, grd., bgs., c.l., mills...ton.21.00 - —
l.c.l., mills.....ton.24.50 - —
Vermont, bgs., c.l., mills. ton.14.00 - —
l.c.l., ex whse.....ton.25.00 - —
Canad., bgs., c.l., mills...ton.11.50 -13.00
French, high-grade, bgs., l.c.l., ex whse..ton.45.00 -60.00
ordinary, bgs., c.l., ex dock, arrival..ton.23.00 -25.00
l.c.l., ex whse.....ton.27.50 -32.50
Italian, 1, bgs., ex dock, arrival..ton.65.00 -67.00
ex whse.....ton.85.00 - —
2, bgs., ex dock, arrival.ton.60.00 -62.00
Tallow, animal, edible, bbls...lb. .06¾ Nom.
extra, loose, works.....lb. .05¾- —
special, loose, works.....lb. .05⅛- —
Vegetable, ship., cs.....lb. .07½- .08
saponified 35% (24% fat), dms., c.l..lb. .05 - .05½
l.c.l.....lb. .06 - .06½
50% (43% fat) dms., c.l..lb. .06½- .07
l.c.l.....lb. .07½- .08
50% (48% fat), dms., c.l..lb. .07 - .07½
l.c.l.....lb. .08 - .09
Tamarind, W. I., bbls.....lb. .05½- .06
kegs .....keg. 5.00 - 5.25
Tankage, animal, dom., grd., 10-12%, ammon., 15-20% b.p.l., bulk..unit-ton. 2.60 & .10
unground, 9-11% ammon., 15-20% b.p.l., bulk unit-ton. 2.50 & .10
fertilizer grade, 10-11% ammon., 15% b.p.l., bulk, Chicago..unit-ton. 2.40 & .10
high-grade feeding, bulk, Chicago..unit-ton. 2.75 & .10
import., S. Amer., 10-12% ammon., 15% b.p.l., bulk, c.i.f. ports ship. unit-ton. 3.00 & .10 Nom.
Tansy leaves, bls.....lb. .18 - .19
Tapioca, flour, bgs.....lb. .02 - .05½
Tar acid oil, 15%, dms., c.l., works..gal. .22 - —
l.c.l., same basis.....gal. .25 - —
25%, dms., c.l., works....gal. .25½- —
l.c.l., same basis.....gal. .28½- —
Pine, retort, dms., c.l., dlvd. E. cities..gal. .26 - —
dlvd., ports.....gal. .25 - —
l.c.l.....gal. .26 - —
tanks, dlvd. E. cities....gal. .20 - —
Tartar emetic tech., fine gran., bbls., 5 or more..lb. .27¾- —
less than 5.....lb. .28 - —
powd., bbls., 5 or more..lb. .27¾- —
less than 5.....lb. .28 - —
USP, powd., bbls.....lb. .33 - .33½
Terebene, cans.....lb. .70 - .75
Terpinyl acetate, cns.....lb. .77 - 1.00
Terpin hydrate, kgs.....lb. .45 - .46
Terpineol, CP, cns.....lb. .25 - —
dms.....lb. .28 - —
Terpineol, alpha, denat. grade, dms., c.l., wks., net wgt..lb. .17 - —
Terra alba (see Gypsum).
Tetrachloroethane, dms., works..lb. .08 - .08½
Tetrachloroethylene, CP, dms..lb. .21¼- —
tech., dms.....lb. .09½- —
Tetralin, dms.....lb. .12 - —
Thallium sulphate, 90% pure, dms. works..lb. 7.25 - 7.50
Theobromine, cns.....lb. 2.10 - 2.40
Sodiosalicylate, cns.....lb. 1.75 - 1.85
5-lb. bots.....lb. 2.01 - —
Thiocarbanilide, dms.....lb. .24 - —
Thorium nitrate, cs., works...lb. 2.00 - —
Thyme, French, bls.....lb. .15 - .15½
Thymol, dms., 100 lbs.....lb. 1.40 - —
cns., 25 lbs.....lb. 1.45 - —
Iodide, kgs 50 lbs.....lb. 3.15 - 3.20
25 lbs .....lb. 3.25 - 3.30
Tin crystals, bbls., kgs.....lb. .34½- .35
Metal, Straits.....lb. .43 - —
Oxide, bbls.....lb. .46 - .48
Tetrachloride, anhyd., bbls...lb. .21¾- —
Titanium, dioxide, bgs., c.l. (20 tons), E. frt. alld..lb. .15 - —
Pac. cst., f.o.b. terminals, lb. .15 - —
l.c.l., 5 tons, E., dlvd....lb. .15¼- —
Pac. cst., ex whse....lb. .15¼- —
1,000-9,999 lbs., E. dlvd.lb. .15½- —
Pac. cst., ex whse....lb. .15½- —
50-999 lbs., E. dlvd....lb. .15¾- —
Pac. cst., ex whse....lb. .15¾- —
under 50 lbs., E. dlvd..lb. .18 - —
Pac. cst., ex whse....lb. .18 - —
bbls., c.l. (20 tons), E. frt. alld..lb. .15¼- —
l.c.l., 5 tons, E. dlvd....lb. .15½- —
1,000-9,999 lbs., E. dlvd.lb. .15¾- —
50-999 lbs., E. dlvd....lb. .16 - —
phthalate-treated, bgs., c.l., (20 tons), E. frt. alld..lb. .23 - —
Pac. cst., f.o.b. terminal.lb. .23 - —
l.c.l., 5 tons, E. dlvd....lb. .23¼- —
Pac. cst., ex whse..lb. .23¼- —
1,000-9,999 lbs., E. dlvd.lb. .23½- —
Pac. cst., ex whse....lb. .23½- —
50-999 lbs., E. dlvd....lb. .23¾- —
Pac. cst., ex whse..lb. .23¾- —
under 50 lbs.....lb. .26 - —
bbls., c.l. (20 tons), E. frt. alld..lb. .23¼- —
l.c.l., 5 tons, E. dlvd....lb. .23½- —
1,000-9,999 lbs. E. dlvd.lb. .23¾- —
50-999 lbs., E. dlvd....lb. .24 - —
pigment, barium, calcium, or magnesium base, c.l., E. frt. alld.....lb. .05¾- —
Pac. cst., f.o.b. terminal, lb. .05¾- —
l.c.l., dlvd.....lb. .05¾- —
Pac. cst., ex whse..lb. .05¾- —
under 50 lbs., E. dlvd.lb. .06½- —
bbls., c.l., E., frt. alld...lb. .05¾- —
l.c.l., E., dlvd.....lb. .06½- —
Tolidin base, kgs.....lb. .88 - .90
distilled, kgs.....lb. .95 - 1.00
Tolu, balsam, cns.....lb. .44 - .45
Toluidin, mixed, dms.....lb. .26 - —
Toluol (toluene), pure, dms., works..gal. .27 - —
tanks, E. of Omaha, frt. alld. gal. .22 - —
W. Coast, f.o.b. Minnequa, Colo..gal. .22 - —
Nitration, dms., wks.....gal. .28½- —
tanks, E. of Omaha, frt. alld. gal. .23½- —
Tonga vine, NF, bls.....lb. .26 - .27
root, bls.....lb. .80 - .81
Tonka beans, Angostura, cks..lb. 2.40 - 2.50
Triacetin, dms.....lb. .26 - —
Triamyl borate, dms., l.c.l., works..lb. .27 - —
Triamylamine, dms., c.l., works, lb. .77 - —
l.c.l., works.....lb. .80 - —

Soda Glycero.—Wax, Sperm.

Tributyl citrate, dms., l.c.l., dlvd..lb. .35 - —
Phosphate, dms., l.c.l., dlvd., lb. .50 - —
Tributylamines, dms., l.c.l., works lb. .70 - —
Trichloroethylene, dms., c.l., works, frt. alld, Zone A..lb. .09 - —
l.c.l., dms. .....lb. .095 - —
Zone B, c.l.....lb. .105 - —
l.c.l., dms.....lb. .110 - —
Zone C, dms., l.c.l.....lb. .105 - —
Zone A is East of the Rockies; B takes in Rocky Mountain States, and Zone C represents Pacific Coast States.
Tricresyl phosphate, CP, cns., dlvd..lb. .42 - .53
dms., c.l., dlvd.....lb. .36 - —
500 lbs., dlvd.....lb. .39 - —
tech., 1, dms., c.l.....lb. .24¼- —
500 lbs., dms.....lb. .25 - —
less than 500 lbs., dms.lb. .28 - .39
2, dms., c.l.....lb. .23½- —
500 lbs., dms.....lb. .24 - —
less than 500 lbs.....lb. .27 - .33
Triethanolamine, dms., c.l., works, lb. .21 - —
l.c.l., works.....lb. .22 - —
tanks, works.....lb. .20 - —
Triethyleneglycol, dms., l.c.l., works..lb. .26 - —
Triethyl phosphate, dms., dlvd., lb. .45 - —
Trimethylamine, dms., c.l., dlvd.. lb. 1.00 - —
l.c.l., dlvd.....lb. 1.05 - —
Triphenyl phosphate, dms.....lb. .38 - —
Tripoli, air-floated, bgs., c.l., works..ton.26.00 - —
double-grd., bgs., c.l., works. ton.16.00 - —
once-grd., bgs., c.l., works..ton.14.50 - —
Trisodium phosphate (see Soda phosphate, tribasic).
Tungsten metal, powd., 99%, dms., wks..lb. 2.80 - 3.10
Oxide, CP, kgs.....lb. 2.90 - 3.00
tech., kgs. .....lb. 2.10 - 2.20
Turmeric root, Alleppey, bgs..lb. .05¾- .05½
Madras, bgs.....lb. .06¼ Nom.
Turpentine, spirits, gum, bbls., c.l., ex dock..gal. .28½- —
l.c.l., 10, ex dock.....gal. .30½- —
5, ex dock.....gal. .32½- —
wood, dest.-dist., dms., c.l., dlvd. E. cities, ports...gal. .36 - —
l.c.l., same basis....gal. .38 - —
tanks, dlvd. E. cities..gal. .33 - —
steam-dist., dms., c.l., dlvd.gal. .27 - —
l.c.l., dlvd.....gal. .30 - —
tanks, dlvd.....gal. .22 - —

U

Unicorn root, false (see Helonias root).
True (see Aletris root).
Uranium oxide, kgs.....lb. 1.50 - —
Urea, dom., 46 + % N. bgs., 5 tons, f.o.b. Atl. ports or Belle, W. Va..ton.95.00 - —
smaller lots, f.o.b. Belle, W. Va..ton.95.00 - —
f.o.b. N. Y.....ton.101.00 - —
import, 46% N. bgs., 5 tons, f.o.b. Atl., Gulf ports or Belle, W. Va., shipt.ton.95.00 - —
smaller lots, f.o.b. N. Y. from whse.101.00 - —
pure, cs. .....lb. .14½- .15½
Urea-ammonia liquor 55% ammon., tanks, f.o.b. Belle, W. Va., or Atl., Gulf ports. NH_3 unit. 1.00 - —
Uva ursi leaves, bls.....lb. .09 - .09½

V

Valerian root, bls.....lb. .09 - .09½
Valonia, beards, bgs., shipt..ton.47.00 - —
Cups, bgs., shipt.....ton.32.00 -34.00
extract, powdered, 63%.....lb. .06 - —
Vanilla beans, Bourbon, tins..lb. 3.75 - 4.25
Mexican, tins.....lb. 4.25 - 4.75
cut, tins .....lb. 3.65 - 4.00
South American, tins.....lb. 3.65 - 3.85
Vanillin, ex eugenol, 25-lb. tins, lb. 2.35 - —
5-lb. tins .....lb. 2.45 - —
Vanillin, ex guaiacol, 10c. per lb. less
Venice turpentine, true, cs....lb. .42 - .44
Verdigris, bbls., kgs.....lb. .22 - .23
Violet, methyl, toner (see M).
V.M.P. naphtha (see petroleum naphtha, v.m.p.).

W

Wahoo root bark, bls.....lb. .45 - .47
Tree bark, bls.....lb. .22 - .23
Wattle bark, bgs., shipt.....ton.39.75 -41.75
Extract, bbls. .....lb. .04¾- —
Wax, bayberry, import, bgs...lb. .16¾- .17
Bees, white, bleach, slabs, cs., 500 lbs. .37 - .39
yellow, crude, Africa, bgs., lots of 10..lb. .22 - .22½
1 bg. .....lb. .24½- .25½
Brazil, Chile, bgs., 5-10 tons, lb. .23 - .23½
1 ton .....lb. .23½- .24
500 lbs. .....lb. .24 - .24½
100 lbs. .....lb. .24½- .25
refd., slabs, cs., lbs.....lb. .33 - .33½
Candelilla, bgs., 1 ton.....lb. .14½- .15
jobbing lots .....lb. .15 - .15½
Carnauba, No. 3, chalky, bgs., 1 ton...lb. .33½- .34
5 bgs. .....lb. .34 - .34¼
1 bg. .....lb. .34½- .34¾
N. C. 2, bgs.....lb. .37½- .37
N. C. 3, bgs., 1 ton.....lb. .33½- .34
5 bgs. .....lb. .34 - .34¼
1 bg. .....lb. .34½- .34¾
refined, bgs. .....lb. .37½- .38
yellow, No. 1, bgs., 1 ton..lb. .40½- .41
5 bgs. .....lb. .41 - .41½
1 bg. .....lb. .41½- .42
No. 2, bgs. .....lb. .39½- .40
Ceresin, dom., 138°140° m.p., bgs., 1 ton..lb. .08½- —
jobbing lots .....lb. .09½- —
150°-160° m.p., bgs., 1 ton.lb. .09½- —
jobbing lots .....lb. .10½- —
160° m.p., bgs., 1 ton.....lb. .10½- —
jobbing lots .....lb. .11½- —
Japan, cs.....lb. .10 - .10¼
Montan, bgs., c.l.....lb. .11 - —
5 tons .....lb. .11¼- .11½
less than 1 ton.....lb. .11½- .12
Ozokerite, hard green, congeal, p. 66°-68° C., bgs..lb. .62 Nom.
70°-72° C., bgs.....lb. .35 Nom.
74°-76° C., bgs.....lb. .38 Nom.
snow-white, pure 76°-78° C., bgs..lb. .43 - .46
yellow, natural, 76°-78° C., bgs..lb. .35 - .36
Paraffin (see P).
Spermaceti, blocks, cs.....lb. .23 - .24
cakes, cs. .....lb. .24 - .25

White Lead—Zinc Oxide

White lead (see Lead, white).
White pine bark, rossed, bls...lb. .06 - .06¼
White precipitate, powd., 5-lb. bots..lb. 1.59 - —
dms., 50 lbs., or more...lb. 1.46 - —
Whiting, chalk, com'l., dry-grd., bip. bgs., c.l., works..ton.12.00 - —
l.c.l., works.....ton.14.00 - —
bbls., c.l., works.....ton.15.00 -16.50
l.c.l., works.....ton.17.00 - —
pap bgs., c.l., works..ton.11.20 -13.50
l.c.l., works.....ton.13.20 -14.50
wet-grnd., bip., bgs., c.l., works..ton.14.50 -15.00
l.c.l., works.....ton.15.00 -19.00
bbls., c.l., works.....ton.17.00 -18.00
gilder's bolted,bip., bgs., c.l., works..ton.15.00 - —
l.c.l., works.....ton.16.00 - —
bbls., c.l., works.....ton.18.00 -19.50
l.c.l., works.....ton.19.00 -20.00
pap. bgs., c.l., works..ton.14.60 -15.50
l.c.l., works.....ton.15.60 -16.50
extra bolted, bip., bgs., c.l., works..ton.15.00 - —
l.c.l., works.....ton.16.00 - —
bbls., c.l., works.....ton.18.00 -22.50
l.c.l., works.....ton.19.00 -22.00
pap. bgs., c.l., works..ton.14.60 -17.50
l.c.l., works.....ton.15.60 -18.50
Paris white, bip., bgs., c.l., works..ton.15.00 - —
l.c.l., works.....ton.16.00 - —
bbls., c.l., works.....ton.18.60 -24.00
l.c.l., works.....ton.19.00 -25.00
pap. bgs., c.l., works..ton.14.60 -20.00
l.c.l., works.....ton.15.60 -21.50
English cliffstone (see Whiting, chalk, Paris white).
Limestone, air floated, 99.75%. 250 mesh, paper bgs., c.l..ton. 9.35 - —
Whiting, limestone, airfloated, 99.75% 200 mesh, paper bgs.. c.l., same basis.ton. 8.60 - —
90% 200 mesh, paper bgs., c.l., same basis.....ton. 6.25 - —
gilders, bgs, (extra), c.l., works..ton.11.50 - —
l.c.l., 8-20 tons, works.ton.12.50 - —
4-8 tons, works.....ton.13.50 - —
2-4 tons, works.....ton.14.50 - —
extra, bgs., (extra), c.l., works..ton.12.50 - —
l.c.l., 8-20 tons, works, ton.13.50 - —
4-8 tons, works....ton.14.50 - —
2-4 tons, works....ton.15.50 - —
putty grade, bgs. (extra), c.l., works..ton.11.00 - —
l.c.l., 8-20 tons, works.ton.12.00 - —
4-8 tons, works.....ton.13.00 - —
2-4 tons, works.....ton.14.00 - —
water-floated, bgs., (extra), c.l., works..ton.11.50 - —
l.c.l., 8-20 tons, works.ton.12.50 - —
4-8 tons, works.....ton.13.50 - —
2-4 tons, works.....ton.14.50 - —
precipitated, bgs., c.l., works. ton.15.00 - —
l.c.l., 5 tons, works....ton.20.00 - —
smaller lots, works....ton.25.00 - —
Wild cherry bark, thick, natural, bls..lb. .04½- .05
rossed, bls.....lb. .06 - .07
thin, natural, bls.....lb. .06 - .07
rossed, green, bls.....lb. .10 - .11
Wild indigo root, bgs.....lb. .09 - .10
Witch-hazel extract, dist., NF. bbls..gal. .40 - .45
Leaves, bls.....lb. .07 - .08
Witherite (see Barium carbonate, natural).
Woodflour, dom., fine, bgs., extra, c.l., works..ton.25.00 - —
standard, bgs., c.l., works.. ton.20 00 - —
Woodflour, import, 70 mesh, bgs., ex dock..ton.22.00 - —
80 mesh, bgs., ex dock....ton.24.50 - —
100 mesh, bgs., ex dock...ton.27.50 - —
120 mesh, bgs., ex dock...ton.30.00 - —
Wormseed, American, bgs.....lb. .10 - .11
Levant, bgs.....lb. 3.70 - 3.75
Wormwood, bls.....lb. .08 - .09

X

Xylol (xylene), indus., dms., works..gal. .31 - —
tanks, E. of Omaha, frt. alld., gal. .26 - —
W. Coast, f.o.b. Minnequa, Colo..gal. .26 - —
nitration, dms., wks.....gal. .42 - —
tanks, E. of Omaha, frt. alld., gal. .33 - —
W. Coast, f.o.b. Minnequa, Colo..gal. .33 - —
5°, dms., works.....gal. .37 - —
tanks, E. of Omaha, frt., alld., gal. .32 - —
10°, dms., works.....lb. .34 - —
tanks, E. of Omaha, frt. alld., gal. .29 - —
Xylidin, mixed, dms.....lb. .35 - .36

Y

Yara yara, cryst., cns.....lb. 1.25 - 1.50
Yellow, cadmium, CP, import., bxs..lb. 1.50 - 2.50
lithopone, all shades, bbls., 1 ton, works, frt. alld.lb. .45 - —
smaller lots, same basis, lb. 50 - —
Yellow cadmium lithopone, all shades, kgs., ton lots, same basis..lb. .50 - —
smaller lots, same basis, lb. 1.50 - —
sulphide, orange, bbls., works, lb. .55 - —
Chrome, CP, bbls., dlvd. N. of Tenn. and N.C., E. of Miss., R., including Davenport, Minneapolis, Rock Island, St. Louis, St. Paul, contracts....lb. .14½- —
open order .....lb. .15½- —
Chrome yellow CP prices are ½c. higher dlvd. Ala., Fla., Ga., La. (Shreveport, 1¼c.), Miss., N. C., S. C., Tenn., Tex., (Dallas, Ft. Worth, 1¼c.; El Paso, 2c.), Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; ½c. higher dlvd. Pac. coast; for Denver, Pueblo, Salt Lake City, Wichita, prices are equalized with Chicago.
Dutch pink, bbls.....lb. .09 - .11
Hansa, bbls., same basis, chrome..lb. 1.37 - —
Mercury oxide (see M).
Ocher, Amer., golden, A, bbls., works..lb. .06¼- —
B, bbls., works.....lb. .04½- —
C, bbls., works.....lb. .03½- —
yellow, A, bbls., works...lb. .02¾- —
B, bbls., works.....lb. .02½- —
C, bbls., works.....lb. .02 - —
D, bbls., works.....lb. .0195- —
E, bbls., works.....lb. .01775- —
F, bbls., works.....lb. .01½- —
G, bbls., works.....lb. .01½- —
H, bbls., works.....lb. .01½- —
French, all shades, cks., c.l., ex dock Balto., Boston, N. Orleans, for import .....lb. .02475- —
New York (f.o.b.)..lb. .02½- —
Philadelphia, for import..lb. .02¾- —
Portland, Seattle ..lb. .03 - —
San Pedro, S. Francisco..lb. .0290- —
l.c.l., ex dock, Balto, Boston, N. Orleans..lb. .02575- —
New York .....lb. .02½- —
Philadelphia, for import..lb. .02¾- —
Portland, Seattle....lb. .03½- —
San Pedro, S. Francisco..lb. .03 - —
ex whse., Balto., Boston, N. Orleans..lb. .02725- —
Chicago. E. St. Louis, Ind'polis, K. City, Milwauk., St. Louis, lb. .03¾- —
Minneapolis .....lb. .03½- —
New York .....lb. .02¾- —
Pittsburgh .....lb. .03¼- —
Portland, Seattle....lb. .03⅜- —
San Pedro, S. Francisco..lb. .03¼- —
f.o.b. N. Y., from dock, lb. .02⅜- —
from whse. .....lb. .02⅞- —
Oxide, nat., bbls., c.l., f.o.b. Bethlehem Easton, N.Y. lb. .04½- —
l.c.l., same basis.....lb. .04¾- —
synth., bbls., c.l., works..lb. .06½- —
l.c.l., works .....lb. .06¾- —
Persian orange (see O).
Zinc, bbls., same basis chrome CP. contracts..lb. .18 - —
open order .....lb. .19 - —
Yellow dock root, bls.....lb. .09 - .10
Yellow root (xanthoriza), bls..lb. .09 - .10
Yerba santa leaves, bls.....lb. .08½- .10
Yohimbine hydrochloride, vls..oz. 2.50 - 2.55

Z

Zinc acetate, tech., bbls., dlvd., lb. .21 - —
USP., bbls., 250 lbs.....lb. .27 - —
kgs., 100 lbs.....lb. .29 - —
Arsenate, bgs., cs., c.l., dealers. E. of Rockies..lb. .12½- —
c.l., bgs., cs.....lb. .13 - —
Arsenite, bgs., cs., c.l., dealers, E. of Rockies..lb. .12½- —
W. of Rockies, bgs....lb. .12½- —
l.c.l., bgs., cs.....lb. .13 - —
W. of Rockies, bgs....lb. .12⅞- —
Zinc arsenate and arsenite price are works or whse. basis, frt. alld. to dest. in lots of 96 lbs. or over; no frt. or truck allowance for plant or whse. pick-up.
Carbonate, tech., bbls.....lb. .14 - .15
USP, precip., powd., bbls..lb. .21 - —
dms. .....lb. .20 - —
kgs. .....lb. .23 - —
Chloride, fused, dms., c.l., works..100 lbs. 4.25 - —
l.c.l., works.....100 lbs. 4.60 - —
gran., dms., c.l., works, 100 lbs. 5.00 - —
l.c.l., dms., works.100 lbs. 5.75 - —
USP, 200-lb. dms.....lb. .25 - —
25 lb. jars.....lb. .31 - —
solut., dms., wks.....lb. .04½- —
tanks .....lb. .0226- —
Cyanide, kgs., works.....lb. .33 - —
Dust, bbls., c. l., dlvd.....lb. .06¾- —
l.c.l., bbls., dlvd.....lb. .07¼- —
Fluoride, bbls.....lb. .20 - .25
Iodide, N.F., bots.....lb. 4.15 - —
jars .....lb. 4.00 - —
Metal (see daily quotations in Market report)
Oxide, pigment, dom., Amer., process, coml., lead-free, bgs., c.l., dlvd..lb. .06¼- .07½
l.c.l., dlvd., except Pac. cst..lb. .06½- .07¾
ex whse., Pac. cst., lb. .06½- .07¾
bbls., c.l., dlvd...lb. .06½- .07¾
l.c.l., dlvd., except Pac. cst..lb. .06¾- .08
ex whse., Pac. cst..lb. .06¾- .08
leaded, 5%, bgs., c.l., dlvd..lb. .06½- —
l.c.l., dlvd., except ex whse.,Pac. cst.lb. .06⅝- —
bbls., c.l., dlvd....lb. .06⅝- —
l.c.l., dlvd., except Pac. cst..lb. .06⅝- —
ex whse., Pac. cst.lb. .06⅝- —
35%, bgs., c.l., dlvd.lb. .0565- —
l.c.l., dlvd., except Pac. cst..lb. .0590- —
ex whse., Pac. cst.lb. .0590- —
bbls., c.l., dlvd....lb. .0590- —
l.c.l., dlvd., except Pac. cst..lb. .0615- —
ex whse., Pac. cst.lb. .0615- —
50%, bgs., c.l., dlvd.lb. .0555- —
l.c.l., dlvd., except Pac. cst..lb. .0580- —
ex whse., Pac. cst.lb. .0580- —
bbls., c.l., dlvd.....lb. .0580- —
l.c.l., dlvd., except Pac. cst..lb. .0605- —
ex whse., Pac. cst.lb. .0605- —

...Unity of Control in Production Ensures Uniform High Quality

ST. JOE Lead-Free ZINC OXIDE is produced direct from our own ore by our patented Electro-Thermic Process. By means of this process, plus unity of control in production from zinc ore to zinc oxide, higher standards have been achieved in:

(a) uniformity,
(b) high chemical purity,
(c) fineness of particle size,
(d) cleanliness,
(e) low acid content,
(f) freedom from grit.

For these reasons, ST. JOE Zinc Oxides impart to rubber higher tensile strength, abrasion and tear resistance. Samples for tests will be promptly submitted.

Produced by Our Patented Electro-Thermic Process

ST. JOSEPH LEAD CO.

250 PARK AVENUE NEW YORK

PLANT AND LABORATORY, JOSEPHTOWN, BEAVER COUNTY, PA.

Zinc oxide, pigment, French process, com'l lead-free, bgs., c.l., dlvd.....lb.	.06¼-	.07½
l.c.l., dlvd., except Pac. cst..lb.	.06½-	.07¾
ex whse., Pac. cst.lb.	.06½-	.07¾
bbls., c.l., dlvd.....lb.	.06½-	.07¾
l.c.l., dlvd., except Pac. cst..lb.	.06¾-	.08
ex whse., Pac. cst.lb.	.06¾-	.08
green seal, bgs., c.l., dlvd., lb.	.08 -	—
l.c.l., dlvd., except Pac. cst..lb.	.08¼-	—
ex whse., Pac. cst..lb.	.08¼-	—
bbls., c.l., dlvd.....lb.	.08¼-	—
l.c.l., dlvd., except Pac. cst..lb.	.08½-	—
ex whse., Pac. cst..lb.	.08½-	—
red seal, bgs., c.l., dlvd. lb.	.07½-	—
l.c.l., dlvd., except Pac. cst..lb.	.07¾-	—
ex whse., Pac. cst..lb.	.07¾-	—
bbls., c.l., dlvd.....lb.	.07¾-	—
l.c.l., dlvd., except Pac. cst..lb.	.08 -	—
ex whse., Pac. cst..lb.	.08 -	—
white seal, bgs., c.l., dlvd., lb.	.08½-	—
l.c.l., dlvd., except Pac. cst..lb.	.08¾-	—
ex whse., Pac. cst..lb.	.08¾-	—
bbls., c.l.....lb.	.08¾-	—
l.c.l., dlvd., except Pac. cst..lb.	.09 -	—
ex whse., Pac. cst..lb.	.09 -	—
import, gold seal, cks., ex whse..lb.	.13 -	.14
green seal, bbls., ex whse., lb.	.10 -	—
white seal, cks., ex whse., lb.	.11 -	.12¼
Zinc, oxide, USP, bbls., c.l....lb.	.09½-	—
Palmitate, bbls.....lb.	.23 -	.26
Resinate, fused, pale, bbls...lb.	.10 -	—
precip., dms., dlvd.....lb.	.15 -	—
Stearate, tech., precip., bbls., ctns., c.l..lb.	.20 -	—
l.c.l., 1 ton.....lb.	.21 -	—
1,000-2,000 lbs.....lb.	.22 -	—
less than 1,000 lbs..lb.	.23 -	—
U.S.P., bbls.....lb.	.21 -	.28
Sulphate, crystl., bgs., c.l.100 lbs.	2.75 -	—
l.c.l. .....100 lbs.	2.50 -	—
bbls., c.l. .....100 lbs.	2.90 -	—
l.c.l. .....100 lbs.	2.65 -	—
flake, bgs., c.l. .....100 lbs.	3.10 -	—
l.c.l. .....100 lbs.	3.85 -	—
bbls., c.l. .....100 lbs.	3.25 -	—
l.c.l. .....100 lbs.	4.00 -	—
l.c.l. .....100 lbs.	5.10 -	—
bbls., c.l. .....100 lbs.	4.50 -	—
l.c.l. .....100 lbs.	5.25 -	—
Zinc, sulphide, bgs., c.l. (20 tons). dlvd..lb.	.08¾-	—
l.c.l., dlvd. E. or ex whse., Pac. cst..lb.	.08¾-	—
bbls., c.l. (20 tons). dlvd..lb.	.08¾-	—
l.c.l., dlvd. E. or ex whse., Pac. cst..lb.	.08¾-	—
Sulphocarbolate, NF, bbls...lb.	.24 -	.26
Zinc-ammonia chloride, dms., c.l., works..100 lbs.	5.15 -	—
l.c.l., works.....100 lbs.	5.50 -	—
Zinc-iron oxide, pigment, bgs., c.l., dlvd..lb.	.05 -	—
l.c.l., dlvd., except Pac. cst..lb.	.05½-	—
ex whse., Pac. cst..lb.	.05½-	—
powd., bgs., c.l. .....100 lbs.	4.35 -	—
Zirconium nitrate, kgs., work.lb.	3.00 -	4.00
Oxide, crude, 73-75%, grd., bbls., works..ton.	75.00 -	100.00
kgs., small lots, works...lb.	.04¼-	.04½
white, 98%, rgd., kgs., works, lb.	1.40 -	1.52

Synthetic Resins
and other
Branded Paint Materials
(Manufacturers' List Prices)

A

Abalyn resin, 55-gal. dms., non-returnable, works..lb.	.16 -	—
Aroclors, distilled, dms., c.l., works..lb.	.23 -	—
ton lots, works.....lb.	.25 -	—
single dms., works.....lb.	.27 -	—
undistilled, dms., c.l., works, lb.	.18 -	—
ton lots, works.....lb.	.20 -	—
single dms., works.....lb.	.22 -	—

B

Bakelite, gooks, BK, 3962, XK 6791, dms., 30,000 lbs.,works.lb.	.22½-	—
15,000 lbs., works.....lb.	.23 -	—
5,000 lbs., works.....lb.	.23½-	—
lacquer, XR 2342, dms., 30,000 lbs, works..lb.	.38 -	—
15,000 lbs., works.....lb.	.38½-	—
5,000 lbs., works.....lb.	.39 -	—
3180, cms., 30,000 lbs., works..lb.	.45 -	—
15,000 lbs., works.....lb.	.46 -	—
5,000 lbs., works.....lb.	.47 -	—
4357, dms., 30,000 lbs., works..lb.	.45 -	—
15,000 lbs., works.....lb.	.46 -	—
5,000 lbs., works.....lb.	.47 -	—
9448, dms., 30,000 lbs., works..lb.	.35 -	—
15,000 lbs., works.....lb.	.36 -	—
5,000 lbs., works.....lb.	.37 -	—
phenolic, 100%, BR, 254, bbls., 30,000 lbs., works..lb.	.45 -	—
15,000 lbs., works...lb.	.46 -	—
5,000 lbs., works...lb.	.47 -	—
1329, bbls., 30,000 lbs., works..lb.	.28 -	—
15,000 lbs., works...lb.	.29 -	—
5,000 lbs., works...lb.	.30 -	—
2987, bbls., 30,000 lbs., works..lb.	.32 -	—
15,000 lbs., works...lb.	.33 -	—
5,000 lbs., works....lb.	.34 -	—
3360, bbls., 30,000 lbs., works..lb.	.38 -	—
15,000 lbs., works...lb.	.39 -	—
5,000 lbs., works....lb.	.40 -	—
4006, bbls., 30,000 lbs., works..lb.	.55 -	—
15,000 lbs., works..lb.	.56 -	—
5,000 lbs., works....lb.	.57 -	—
4036, bbls., 30,000 lbs., works..lb.	.40 -	—
15,000 lbs., works..lb.	.41 -	—
5,000 lbs., works....lb.	.42 -	—
6882, bbls., 30,000 lbs., works..lb.	.42½-	—
15,000 lbs., works..lb.	.43½-	—
5,000 lbs., works....lb.	.44½-	—
8900, bbls., 30,000 lbs., works..lb.	.48 -	—
15,000 lbs., works..lb.	.49 -	—
5,000 lbs., works....lb.	.50 -	—
9476, bbls., 30,000 lbs., works..lb.	.24 -	—
15,000 lbs., works...lb.	.24½-	—
5,000 lbs., works....lb.	.25 -	—
Bakelite, phenolic, 100%, XR, 4503, dms., 30,000 lbs., works lb.	.56 -	—
15,000 lbs., works..lb.	.57 -	—
5,000 lbs., works....lb.	.58 -	—
modified, BR 302, dms., 30,000 lbs., works..lb.	.26 -	—
15,000 lbs., works...lb.	.26½-	—
5,000 lbs., works...lb.	.27 -	—
2072, bbls., 30,000 lbs., works..lb.	.23 -	—
15,000 lbs., works...lb.	.23½-	—
5,000 lbs., works...lb.	.24 -	—
2175, cns., 30,000 lbs., works..lb.	.23 -	—
15,000 lbs., works...lb.	.23½-	—
5,000 lbs., works...lb.	.24 -	—
2963, bbls., 30,000 lbs. works..lb.	.24 -	—
15,000 lbs., works...lb.	.24½-	—
5,000 lbs., works...lb.	.25 -	—
solutions, XJ, 180, dms., 30,000 lbs., works..lb.	.179 -	—
15,000 lbs., works.....lb.	.184 -	—
5,000 lbs., works.....lb.	.189 -	—
431, dms., 30,000 lbs., works, lb.	.226 -	—
15,000 lbs., works.....lb.	.231 -	—
5,000 lbs., works.....lb.	.236 -	—
2681, dms., 30,000 lbs., works..lb.	.22 -	—
15,000 lbs., works.....lb.	.22½-	—
5,000 lbs., works.....lb.	.23 -	—
3100, dms., 30,000 lbs., works..lb.	.19½-	—
15,000 lbs., works.....lb.	.20 -	—
5,000 lbs., works.....lb.	.20½-	—
6000, dms., 30,000 lbs., works..lb.	.26½-	—
15,000 lbs., works.....lb.	.27 -	—
5,000 lbs., works.....lb.	.27½-	—
6389, dms., 30,000 lbs., works..lb.	.26½-	—
15,000 lbs., works.....lb.	.27 -	—
5,000 lbs., works.....lb.	.27½-	—
7506, dms., 30,000 lbs., works. lb.	.30 -	—
15,000 lbs., works.....lb.	.30¼-	—
5,000 lbs., works.....lb.	.31 -	—
8263, dms., 30,000 lbs., works..lb.	.22 -	—
15,000 lbs., works.....lb.	.22¼-	—
5,000 lbs., works.....lb.	.23 -	—
8264, dms., 30,000 lbs., works..lb.	.21½-	—
15,000 lbs., works.....lb.	.22½-	—
5,000 lbs., works.....lb.	.23½-	—
8344, dms., 30,000 lbs., works..lb.	.383 -	—
15,000 lbs., works.....lb.	.393 -	—
5,000 lbs., works.....lb.	.403 -	—
9405, dms., 30,000 lbs., works..lb.	.33 -	—
15,000 lbs., works.....lb.	.34 -	—
5,000 lbs., works.....lb.	.35 -	—

C

Cumar, AX, dms., works.....lb.	.06 -	—
BX, dms., works.....lb.	.06 -	—
CX, dms., gross weight, works, lb.	.05 -	—
DX, dms., gross weight, works, lb.	.04 -	—
EX, dms., gross weight, works, lb.	.04 -	—
FX, dms., gross weight, works, lb.	.05 -	—
MH, col. ½, dms., works....lb.	.12 -	—
1, dms., works.....lb.	.11 -	—
1½-2, dms., works.....lb.	.10 -	—
2½ and darker, dms., works, lb.	.09 -	—
MS, dms., works.....lb.	.10 -	—
P, 10°-90° C., col. 3 and darker, dms., works..lb.	.10½-	—
RH, dms., works.....lb.	.10 -	—
RS, dms., works.....lb.	.10 -	—
special soft, dms., works...lb.	.10 -	—
V, col. ½, dms., works....lb.	.12 -	—
1, dms., works.....lb.	.11 -	—
1½-2, dms., works.....lb.	.10 -	—
2½ and darker, dms., works, lb.	.09 -	—
W, col. ½, dms., works.....lb.	.13 -	—
1, dms., works.....lb.	.12 -	—
1½-2, dms., works.....lb.	.11 -	—
2½ and darker, dms., works, lb.	.10 -	—

Cumar prices include frt. equald. with Pittsburgh; prices on contracts terminating December, 1938, are ¼c. per pound lower.

D

Durez, 202, dms., 36,000 lbs., works..lb.	.42 -	—
l.c.l., works .....lb.	.44 -	—
210, dms., 36,000 lbs., works.lb.	.15 -	—
l.c.l., works .....lb.	.16 -	—
extra pale, 36,000 lbs., works, lb.	.15½-	—
l.c.l., works .....lb.	.16½-	—
500, dms., 36,000 lbs, works, lb.	.32 -	—
l.c.l., works .....lb.	.33 -	—
525, dms., 36,000 lbs., works, lb.	.24 -	—
l.c.l., works .....lb.	.26 -	—
550, dms., 36,000 lbs., works, lb.	.29 -	—
l.c.l., works .....lb.	.30 -	—

Durez c.l. prices also apply on mixed cars; three-month contracts are for price protection only; for Pacific Coast and Gulf points, ex warehouse, add 3c. per lb.

Durite,1,301 dms.,1 ton,frt.alld.lb.	.30 -	—
smaller lots, frt. alld....lb.	.35 -	—

G

G, resin, dms., gross weight, works..lb.	.06½-	—

G resin prices on contracts terminating December, 1938, are ¼c. per pound lower; Los Angeles and San Francisco ex whse., 3c. per lb. extra.

Guai-a-phene, 10-gal. cns., works, gal.	2.57 -	—
5-gal. cns., works.....gal.	2.62 -	—
1-gal. cns., works.....gal.	2.82 -	—
dms., works.....gal.	2.50 -	—

H

Hercolyn, dms. (nonreturnable), works..lb.	.22 -	—

J

Jozite (see Zinc-iron oxide pigment in regular price list above).

K

Kadox (zinc oxide), black, or red label, bgs., c.l., dlvd..lb.	.06½-	—
l.c.l., dlvd. E. of Rockies.lb.	.06¾-	—
Pac. cst., ex whse.....lb.	.06¾-	—
Kadox, bbls., c.l., dlvd.....lb.	.06¾-	—
l.c.l., dlvd. E. of Rockies.lb.	.07 -	—
Pac. cst., ex whse.....lb.	.07 -	—

N

Nevillac, dms., works.....lb.	.17 -	—

Nevillac prices on contracts terminating December, 1938, are ¼c. per pound lower; Los Angeles and San Francisco ex whse., 3c. per lb. extra.

Neville resin, R-1 nevindene, col. ⅛, dms., works..lb.	.13 -	—
R-3, nevindene, col. 1, dms., works..lb.	.12 -	—
R-5, nevindene, col., 1½-2, dms., works..lb.	.11 -	—
R-6, nevindene, col., 2½-3½, dms., works..lb.	.10 -	—
R-7, N.P.S., col. below 3, dms., works..lb.	.12 -	—
R-8, N.P.S., col. below 3, dms., works..lb.	.12½-	—
R-9, hard, col. ½, dms., works. lb.	.12 -	—
R-10, hard, col., 1, dms., works..lb.	.11 -	—
R-11, hard, col. 1½-2, dms., works..lb.	.10 -	—
R-12, hard, col. 2½ and darker, dms., works..lb.	.09 -	—
R-13, medium, col. ½, dms., works..lb.	.12 -	—
R-14, medium, col. 1, dms., works..lb.	.11 -	—
R-15, medium, col. 1½-2,dms., works..lb.	.10 -	—
R-16, medium, col. 2½ and darker, dms., works..lb.	.09 -	—
R-17, medium soft, col. 3½-8, dms., works..lb.	.10 -	—
R-19, medium soft, col. 3½-8, dms., works..lb.	.10 -	—
R-21, soft, col. 3½-8, dms., works..lb.	.10 -	—
R-22, special, soft, col. 3½-8, dms., works..lb.	.10 -	—
R-27, medium soft, col. 1, dms., works..lb.	.12½-	—
R-28, medium soft, col. 1½-2, dms., works..lb.	.11½-	—
R-29, medium soft, col. 2½ and darker, dms., works..lb.	.10½-	—
R-41, phenester, col. 3½-5, dms., works..lb.	.17 -	—

Neville resin prices are freight equalized with Phila.; prices on contracts terminating December, 1938, are ¼c. per pound lower; Los Angeles and San Francisco ex whse., 3c. per lb. extra.

Nevillite, dms., works.....lb.	.75 -	—
oil, dms., works.....lb.	.75 -	—
Nevinol, dms., works.....lb.	.15 -	—
2 heavy, dms., works.....lb.	.11 -	—
Nuba, 1, 80°-95° C., dms., gross weight, works..lb.	.03 -	—
2, 100°-125° C., dms., gross weight, works..lb.	.03 -	—
3, 135°-150° C., dms., gross weight, works..lb.	.04 -	—

Nuba resin prices are freight equalized with Phila.; prices on contracts terminating December, 1938, are ¼c. per pound lower; Los Angeles and San Francisco ex whse., 3c. per pound extra.

Nuodex drier, cobalt, 4%, dms., dlvd. E. of Kas. City.....lb.	.19½-	.21½
6%, dms., same basis.....lb.	.24½-	.26¼
8%, dms., same basis.....lb.	.32¾-	.34
10%, dms., same basis.....lb.	.43 -	.43¾
cobalt 3%-lead 30%, dms, same basis..lb.	.20 -	—
cobalt 1%-zinc 10%, dms., same basis..lb.	.22½-	—
copper, 4%, dms., same basis.lb.	.12 -	—
6%, dms., same basis.....lb.	.14 -	.16

Zinc Oxide—Vinylite

Nuodex, iron, 4%, dms., same basis..lb.	.11 -	—
6%, dms., same basis.....lb.	.13 -	—
10%, dms., same basis.....lb.	.21 -	—
lead, 16%, dms., same basis..lb.	.10½-	.11½
24%, dms., same basis.....lb.	.14 -	.15
32%, dms., same basis.....lb.	.18 -	.20
34%, dms., same basis.....lb.	.19 -	.20
lead 30%—cobalt 3% (see Cobalt).		
lead 30%—manganese 3% (see Manganese).		
manganese, 4%, dms., same basis..lb.	.12½-	—
6%, dms., same basis.....lb.	.13 -	.14
8%, dms., same basis.....lb.	.18 -	.19
10%, dms., same basis.....lb.	.22 -	—
manganese 3%—lead 30%, dms., same basis..lb.	.17 -	—
mercury, 25%, dms., same basis..lb.	.55 -	—
zinc, 5%, dms., same basis..lb.	.13 -	.14
8%, dms., same basis.....lb.	.16½-	.17½
12%, dms., same basis.....lb.	.22 -	.23
zinc 10%—cobalt 1% see (Cobalt).		

P

Paradene, dms., gross weight, wks., frt. equal, with Phila. lb.	.04 -	—
P.H.O., dms., works.....lb.	.39 -	—
Pliolite, milled, dms., 1 ton, works..lb.	.75 -	—
smaller lots, works.....lb.	.79 -	—
unmilled, dms., 1 ton, works.lb.	.66 -	—
smaller lots, works.....lb.	.69 -	—

S

Surfex, bgs., c.l., frt. alld. up to 25c. per 100 lbs..ton.	35.00 -	—

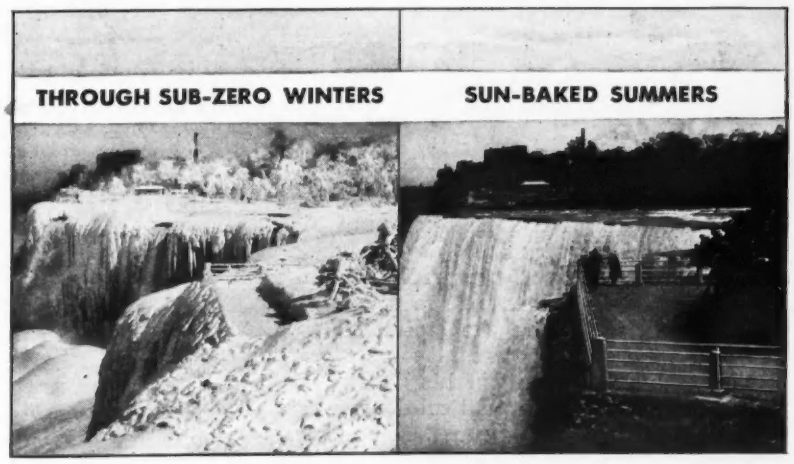
T

Tornesit, bgs., ton lots, works..lb.	.37 -	—

V

Vinylite, AYAA, AYAF, AYAT, dms., 200 lbs., f.o.b. cars, works, frt. paid by seller to destination, E. of Mississippi river..lb.	.45 -	—
smaller lots, works.....lb.	.60 -	—
VYHF, dms., 200 lbs., works, lb.	.55 -	—
smaller lots, works.....lb.	.65 -	—
VYHH, dms., 200 lbs., works.lb.	.57 -	—
smaller lots, works.....lb.	.67 -	—
VYNT, dms., 200 lbs, works.lb.	.75 -	—
smaller lots works.....lb.	.85 -	—
VYRR, dms., 200 lbs., works.lb.	.55 -	—
smaller lots, works.....lb.	.65 -	—

Pharmaceutical and cosmetic lines for the Union of South Africa are sought by a visitor from Johannesburg, arriving in the United States in June for a stay of two months. Full details regarding this visitor are available to accredited American firms at the Bureau of Foreign and Domestic Commerce, Washington, D. C.



DUREZ 570

A new all-purpose resin has been given exhaustive, 3-year outdoor tests and is now ready for your formulas. In adhering to our policy of making only a few excellent phenolic resins we have been working to produce just such a resin as this new Durez 570. In fact, in Durez 570 is incorporated the outstanding features of all Durez resins. Here's a short description of the qualities of Durez 570:

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The durability of Durez 500 without the odor.

The fast dry of Durez 210 plus higher phenol content.

The oil reactivity of Durez 202 with less acceleration.

The non-skinning, full lustre, and elasticity of Durez 100% phenolic resins.

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While Durez 570 is slightly higher priced than other Durez resins a much lower percentage is required in formulations.

DUREZ

PHENOLIC RESINS

Oil, Paint and Drug Reporter

Founded October 18, 1871, by
William O. Allison

Published every Monday by Oil, Paint and Drug Publishing Company, Inc., Harry J. Schnell, President and Treasurer; Frank V. Baldwin, Vice-President; Daniel G. Bogert, Secretary. Address 59 John Street, New York, New York. Telephone JOhn 4-2357. Cable Address Reporter New York.

Incorporating the Drug, Paint and Oil Trade, the New York Drug Bulletin, The Weekly Drug News, the New York Druggists' Price Current, The Soap Makers' Journal, the Oil and Paint Review and International Petroleum Reporter.

Subscription rates including postage in the United States, possessions and territories, one year, $5.00; two years, $8.00; Canada and Newfoundland, one year, $7.00; two years, $12.00; other foreign countries, one year, $10.00; two years, $18.00.

Entered at the Post Office of New York as second class matter January 15, 1884, under the act of March 3, 1879.

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Oil, Paint and Drug Publishing Company, Inc.

Vol. 134 July 4, 1938 Number 1

Democracy In Business

The need for a democratic form of self-government in business, presented on various occasions in these columns, is finding voice among those who endeavor to mould business thought. It has been clear to favorably situated observers for more than a decade that the conflict in the internal relations of business was fundamentally caused by the opposing views and activities of oligarchic groups. It should by now be widely recognizable that this internal dissension is the greatest handicap to business progress, and that the shifting of the weight of governmental support from one group to another has served far more to aggravate than to relieve the serious situation.

It is evident that the remedy must be found within business, among its three elements — ownership, management, and wage-earners. It is these elements which must set up the very necessary democracy of business which, as the president of the American Management Association said last week, will "give the individual as a worker the same opportunity for expression of his needs and of his desires that he has as a citizen in political democracy." And this opportunity must be equitably afforded for all who are "workers," whether their efforts are applied in the field of management, or that of labor.

It is very desirable that business, in all its elements, undertake seriously the establishment of democratic self-government. If it does not accomplish this, business must expect to be governed from the outside. In truth, it is lack of adequate, effective self-government that has brought and is bringing upon business the undesirable condition of governmental control.

The three elements of business should cooperate in the creation of a constitutional convention authorized to set up fundamental rules for self-government, under which may be organized appropriate, representative governing agencies, legislative, administrative, and judicial, or a single agency vested with authority in all three divisions, perhaps bicameral in construction in order that equitable, rather than merely numerically equal, representation might be attained.

Business must govern itself adequately. The only desirable, and also satisfactory, form of its government is democratic.

Business Is More Active

Business activities are slowly improving. Their gains are not so manifestly indicative of a better psychological condition as are the activities of the stock markets, but their indications are of greater significance. The stock markets, it will be recalled, preceded business in the downward turn about a year ago. Whether they were barometrically forecasting the slump in business as much as they were bringing it about, is an open question. But, it is reasonable, if not exactly logical, to expect that the revival of stock market activity forecasts the betterment of business activity—to which it will also contribute, the peculiar psychological relationship of the two being what it is.

Business can make itself better. There are indications that it has not been trying to do this as assiduously as would seem to have been indicated. There is, among these indications, for example the smaller use of advertising space during the past six months, in comparison with last year. The reduction in this respect closely approached in proportion that in the volume of business done. There is a closer relationship there than may at first appear, and it is difficult to find the appropriate logic to apply to the ever-recurring fact that, when business begins to show signs of falling off, advertising, the function of which is to stimulate business, is applied in commensurately diminishing doses. Can it be that the therapeutic theory of business stimulators is that the weakening "patient" cannot stand as much stimulant? Even so, now that the "patient" is showing signs of recovering its strength, the simplest wisdom dictates that the dosage should be increased.

One sign of improving business activities is the increasing of business loans. This has been on the record for several weeks now, although the total and that of bank clearances are still below last year's. There is convincing evidence near at hand in practically every business circle of an awakening interest in getting money for the promotion of activities and, what is of greater encouragement, of a sincere interest on the part of banks in the making of such loans.

Not all that has been said about the reluctance of banks to make business loans has been true in the colors in which it has been presented, although bankers have not been enthusiastic in this respect. Reports of such reluctance are evidently becoming less true. And the matter is gradually becoming one of business intentions and judgment, of the faith of business in itself.

—O-P-D—

Tuning Up The Drug Act

The new food and drugs act, which was five years in the making, has been signed by the President, and some of its provisions are now operative law of the land. For the most part, however, the trades affected—the cosmetic group is newly admitted to this category—have a year to adjust themselves to the statutory requirements. This is fortunate, because the provisions of the new law, aside from those which are "brand new" with respect to cosmetics, call for revolutionary changes in the labeling of goods.

The effects of the new law on the labeling of both official and nonofficial drugs are such that the year of grace will not be any too much time for satisfactory compliance. When to these new exactions are added those of the Wheeler-Lea act with reference to advertising it is plainly to be seen that the drug trade has a job on its hands. The difficulty of this task is no less than its magnitude; in fact, when it is considered that label claims must be absolutely true—there being no loophole for falsity that is not fraudulent—that formulas must be disclosed, and warnings given, the demands of the job are clearly indicated to be bewildering.

The need for some sort of conferential dealing with the problems presented to the industries is obvious. It is desirable that these problems be approached in a spirit promotive of the common interests of those who administer the law and those who will primarily be affected by its administration. There may be some necessity for the prompt promulgation of regulations under the provisions of the law now in operation. But, even in these, and certainly in those which will not be needed until this time next year, better progress and perhaps more progress will be made with prefatory cooperation than with hearings alone after the regulations have been drafted.

The drug, cosmetic, and food industries should become prepared without delay to proffer helpful cooperation in the task of tuning up the new law. The administrative officials should be willing to accept this cooperation from the very start of their big job. Their work will be made easier by their doing so.

—O-P-D—

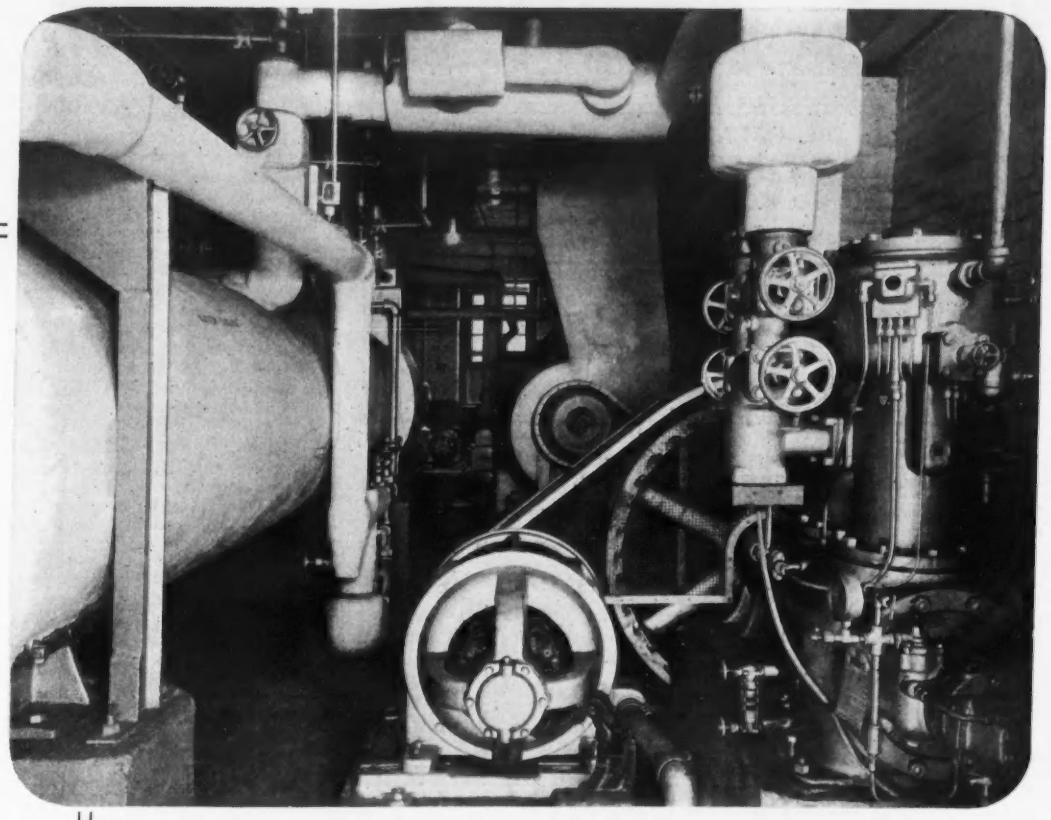
Handicaps on Cottonseed Oil

Proposing that the Federal monopoly probers apply themselves to the dissection and extermination of the "cottonseed oil trust," a Southern member of Congress has painted this "octopus" as the worst of the whole family of trade stranglers. He makes charges that are familiarly worded and as lacking in factual basis as any that have found popularity for political reasons.

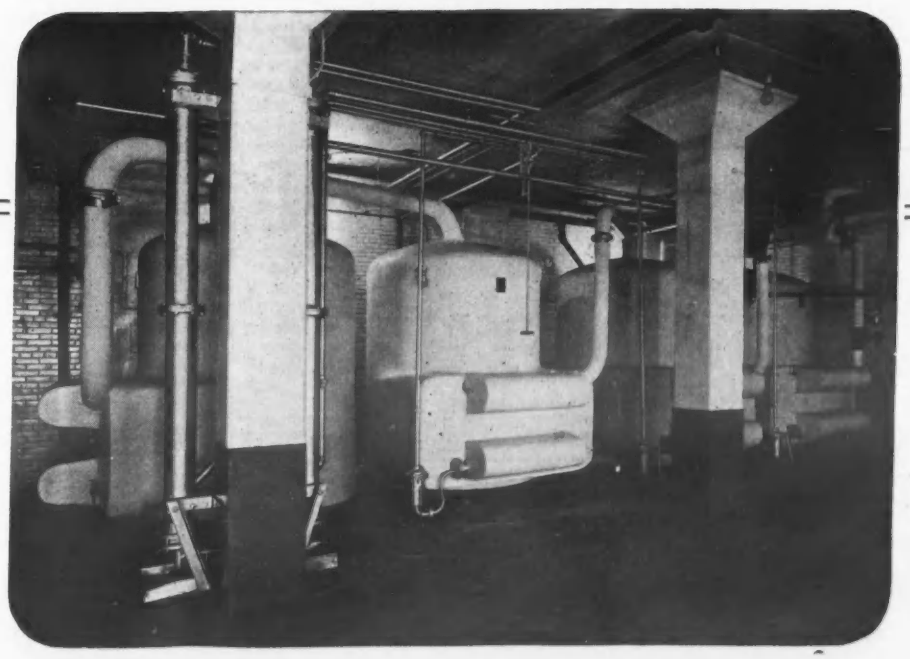
Those who would fight for improvement of the lot of the cotton farmer have no need to tilt at windmills or "hot air" phantoms while the clearly discriminatory and economically indefensible taxation of margarins remains. That is a trade strangler which does exist, and wholly without a reason that can be fitted into the principles of democratic government. And not only is a strangling tax laid upon margarin to the detriment of the cotton farmer, but Congress persists in refusing to authorize the spending of governmental funds for the purchase of substitutes for butter for use in Federal institutions.

Some apparent inconsistencies in governmental endeavors to help agriculture are the result of inability to deal with the problem in hand. No such human limitation can be applied to excuse the inconsistency of subsidizing the cotton farmer —taxing the consumer to pay the bill—in order that his crop may bring a larger return, and squeezing him out of a better profit on a part of his crop by subsidizing the dairy farmer—again taxing the consumer to pay the bill.

The "friends" of agriculture walk in mysterious ways. Where is the befriending of agriculture in splitting it with internal strife—dairy farmer against cotton farmer, peanut grower, and even the cattle raiser? And this "friendly" perpetuation of internal dissension costs the public a pretty penny in buying its own fatty spread and in paying for that provided with governmental funds. Can the Southern congressman see no characteristics of the octopus in the power behind the discrimination against margarin? There is the trade strangler against which Cotton States congressmen should point their lances.



Cream Tartar
Tartaric Acid
Rochelle Salt
Tartar Emetic



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Heavy Chemicals

Tin Salts Continue to Advance—Antimony Lower—Copperas Firm —Copper Oxides Higher—Alkalies Spotty—Chlorine Active —Calcium Chloride Demand Improves—Alums Steady

Demand for heavy chemicals continued moderate last week. Aside from the improved sentiment, business was about the same. Principal consuming industries were ordering on a hand-to-mouth basis, with rush orders making their appearance from time to time for immediate requirements. Inventories were reported at bottom levels. Metals and their derivatives provided the feature to the market pricewise.

Electrolytic copper was advanced fractionally by one leading factor, and found immediate reflection in the red and black oxides of copper. Tin salts showed improvement pricewise in sympathy with the firmer situation in the Straits metal market. Tin oxide, crystals and anhydrous tetrachloride of tin advanced. Antimony metal displayed further weakness, with another fractional decline recorded, moving contrary to the trend in other metal markets. Tungsten and molybdenum were firm, reflecting the upward trend in prices abroad brought about by the disrupted flow of ore from the interior of China because of the war activities in that section.

Calcium chloride moved at a better pace for dust control activities because of drier weather in most sections. Blue vitriol remained active and firm. Anhydrous ammonia, carbon dioxide and methyl chloride moved in normal seasonal volume. Alums displayed a steady tone. Chlorine was firm and in good demand. Alkalies were spotty. Copperas continued in short supply. Cyanides, nickel salts and chromic acid received little support from the plating and metallurgical trades. Sulphuric acid was quiet. Calcium arsenate held the chief interest in the insecticide market.

Price Changes

Prices were changed during the past week as follows:—

Advanced

Copper, electrolytic, ¼c. per lb.
oxide, black, ¼c. per lb.
red, com'l, ¼c. per lb.
Tin crystals, ½c. per lb.
oxide, 2c. per lb.
Straits, ¼c. per lb.
tetrachloride, anhy., ¼c. per lb.

Reduced

Antimony metal, ½c. per lb.

Comparative Values

Index numbers compiled from twelve typical chemicals on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
149.0	149.0	149.0	154.4

Index numbers compiled from twelve typical acids on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
99.6	99.6	99.6	99.8

Market news that may have developed after this report was sent to press will be found on page 4.

Alums. — Business in the market for the various alums continued steady. Alumina sulphate commercial and iron-free enjoyed a good demand as did ammonia alum for water treating purposes. The paper industry and leather trade came in the market for fair sized quantities. Quotations in all instances were well maintained. May imports of alumina sulphate totaled 211,362 pounds, valued at $1,975, all of which came from Belgium.

Ammonia, Anhydrous. — A good interest continued to prevail for refrigerating purposes, with usual consumers making fair withdrawals. Prices ruled firm.

Ammoniac Sal. — Lack of demand from the dry battery and metallurgical trades largely contributed to the dullness prevailing in the market. Sellers were adhering to quotations established previously. May imports aggregated 198,613 pounds, valued at $4,829, of which, 77,161 pounds came from Belgium; 75,155 pounds from Germany, and 46,297 pounds from Poland and Danzig.

Antimony. — Prices for domestic spot antimony metal was reduced ½c. at 11¼c. per pound. Demand continues dull, reflecting the lack of interest from the battery trade.

Arsenic. — The market for white and red arsenic moved through another slow period. The dullness could be attributed to the lack of interest from the ceramic and glass industries. Quotations ruled unchanged. May imports of white arsenic amounted to 1,858,598 pounds, valued at $40,944, of which, 207,288 pounds came from Belgium; 354,058 pounds from France; 55,295 pounds from Sweden; 60,608 pounds from Canada, and 1,181,348 pounds from Mexico. May imports of red arsenic totaled 11,685 pounds, valued at $1,520, all of which came from Germany.

Barium Salts. — Business in the market for the various barium derivatives continued spotty. There was some interest for water purification and water softening purposes, but the lack of demand from the metallurgical, ceramic and building trades were contributing to the irregularity. Quotations for carbonate, chloride, chlorate and other barium salts were unchanged. Imports of barium compounds during May totaled 95,644 pounds, valued at $3,522, of which 88,635 pounds came from Germany, and 7,029 pounds from the United Kingdom.

Blue Vitriol.—Sellers report the general demand was good last week. The call for horticultural purposes remained active, while commercial consumers were coming in the market for fair sized quantities. The export market showed no slackening from the activity reported the past several weeks. Prices continue firm.

Bleaching Powder.—A fair demand was reported in the market for disinfectant and bleaching purposes from usual consuming channels. Quotations were maintained at previous levels. May imports totaled 134,609 pounds, valued at $3,049, of which 51,256 pounds came from France; 53,353 pounds from Germany, and 30,000 pounds from the United Kingdom.

Calcium Chloride.—While recent rains in most sections of the country had a temporary retarding effect on the consumption of calcium chloride for dust control work, sellers report that better weather prevailing recently has brought about a more active interest for this material. Demand for refrigerating and concrete curing purposes was fair. A firm tone governed the dealings. May imports totaled 263,024 pounds, valued at $1,782, all of which came from Germany.

Carbon Dioxide. — Demand for refrigerating purposes continued active again last week, while other consumers were showing a fair interest in the market. Quotations were without change.

Chlorine.—An active interest was displayed in the market, with the call for disinfectant and sanitation purposes supplying the bulk of the seasonal demand. Other consumers, chiefly the paper trade, were making good withdrawals. Prices were well sustained at previous levels.

Cobalt Oxide.—Business in the market was chiefly concerned with small quantities for nearby requirements only. No change was reported in the price schedule. May imports amounted to 42,011 pounds, valued at $58,650, of which 11,200 pounds came from Finland; 10,850 pounds from France, and 19,961 pounds from Germany.

Copper.—Domestic copper price was fractionally higher last week, one leading producer advancing the price to 9¼c. per pound, delivered Connecticut Valley base. However, other leading primary producers were adhering to the 9c. level. Sales were not as heavy as the preceding week, but evidence of higher prices may have a stimulating effect on the market. Export copper was in fairly good demand, but below the large volume of the past several days. Quotations ranged from 9.22½c. to 9.50c. per pound, c.i.f. European base ports.

Copper Salts.—Prices for red and

Current prices on heavy chemicals are given in the alphabetical list of prices beginning on page 7

black copper oxide were fractionally higher last week, reflecting the firmness in the basic metal. Other copper derivatives were not quite so sensitive, and prices for the carbonate, chloride, nitrate and acetate remained unchanged. Demand for copper derivatives in most instances were confined to small quantities.

Copperas.—A firm tone ruled in the market last week, reflecting to a large degree the small quantities available as the result of continued low steel operations. Steel operations last week were scheduled at 28.7 percent of capacity, compared with 28 percent in the preceding week and 75 percent in the corresponding week a year ago.

Methyl Chloride. — An active interest was displayed in the market, with the call for refrigerating purposes taking on more normal proportions. Quotations were steady to firm at previously established levels.

Molybdenum Metal Powder. — The market continued dull. The call from the metallurgical trade was held to small quantities, reflecting to some degree the inactivity in the automotive industry. No change was uncovered in the quotations.

Nickel Salts. — Demand was confined to moderate withdrawals, with the plating trade apparently limiting commitments to take care of nearby needs only. A steady to firm tone ruled.

Potash Carbonate. — The market presented little in the way of renewed buying interest, although fair quantities were moving for the account of the soap trade, while not a great deal could be said about the call from the glass and textile fields. Quotations ruled unchanged. May imports amounted to 31,231 pounds, valued at $1,866, of which 18,543 pounds came from Germany; 11,230 pounds from the Netherlands, and 1,458 pounds from China.

Potash Caustic. — Interest in the market was maintained at fair levels throughout the past week. The call came from the match, textile and toilet soap industries for moderate quantities. Prices ruled steady to firm. May imports were 112,003 pounds, valued at $14,470, of which 95,487 pounds came from Germany, and 16,516 pounds from Sweden.

Potash Chlorate. — The paper and disinfectant trades were reported as taking a moderate interest in the market, while the match industry demand continued irregular. Quotations were in conformity with the preceding period. May imports of potash chlorate and perchlorate totaled 1,133,985 pounds, valued at $66,686, of which 67,200 pounds came from France; 858,692 pounds from Germany; 44,800 pounds from Sweden, and 163,293 pounds from Switzerland.

Potash Cyanide. — Demand was confined to occasional small withdrawals, and prices remained unchanged. May imports totaled 496 pounds, valued at $213, all of which came from Germany.

Saltcake. — The paper and soap industries continued to supply the chief interest in this direction, with the call from the glass trade still retarded by low operating schedules. A firm tone continued in evidence. May imports aggregated 7,577 tons, valued at $86,825, of which, 4,456 tons came from Germany; 2,501 tons from the Netherlands; 570 tons from Canada, and 50 tons from Chile.

Soda Ash.—Shipments were moving at a fair pace for the account of the soap industry and for bottle washing purposes. The call from the rubber, glass and textile channels was confined to nearby requirements only. Price schedules remain unchanged.

Soda, Caustic.—The call for paper and water softening purposes was holding up quite well, while the textile and rubber industry were adhering to a cautious purchasing policy. Quotations remain unaltered.

Soda Chlorate.—A fairly active interest was displayed for weed killing purposes in most sections, other consumers, however, were taking only slight interest in the market. Prices ruled unchanged. May imports were 501,910 pounds, valued at $26,061, of which 149,800 pounds came from France, and 352,110 pounds from Germany.

Soda Cyanide.—The metallurgical and electroplating trades continued to follow a conservative policy, and the market moved through a quiet week. Quotations were in conformity with the previous period. May imports aggregated 2,129,332 pounds, valued at $199,709, of which 181,520 pounds came from France; 580,944 pounds from Germany; 60,000 pounds from the Netherlands; 190,395 pounds from Switzerland; 1,086,473 pounds from Canada, and 30,000 pounds from Japan.

Soda Hydrosulphite.—A broad demand was experienced in the market for moderate quantities, with the paper, leather, metallurgical and textile industries supplying the call. Prices ruled steady to firm. May imports were 127,003 pounds, valued at $12,981, of which 88,176 pounds came from Czechoslovakia; 17,637 pounds from France; 2,500 pounds from Germany; 2,450 pounds from Switzerland, and 16,240 pounds from the United Kingdom.

Soda Sulphate, Anhydrous.—Sellers reported fair interest for the account of the paper, soap and refrigeration industries, while demand from glass and textile industries continued dull. Quotations continue unchanged. May imports totaled 280 tons, valued at $6,322, of which 279 tons came from Germany, and one ton from Sweden.

Soda Sulphide.—Business was spotty in the market last week, the paper trade supplied the chief interest, while the textile and metal industry continued to mark time. May imports amounted to 99,447 pounds, valued at $2,763, all of which came from Germany.

Soda Stannate.—A firm tone prevailed in the market last week. However, the price was unchanged from the previous period. Demand was confined to moderate withdrawals.

Tin Salts.—Tin oxide was advanced 2c. at 46c. to 48c. per pound. Tin crystals was fractionally higher at 34½c. to 35c. per pound, and anhydrous tetrachloride of tin rose to 21¾c. per pound. Straits metal was quoted at 43c. per pound. Demand for the various tin salts was only moderate, and the higher quotations could be attributed to the stronger tone prevailing in the basic commodity as the result of the lower export quotas and buffer pool operations.

Tungsten Metal Powder.—Quiet conditions prevailed in the market, demand from the metallurgical trade was for small amounts to take care of nearby requirements only. Price situation has firmed somewhat as the result of the upward trend for Chinese wolframite prices, which began a month ago, when Japanese bombing of Canton for a number of successive days brought disruption to the flow of ore from the interior.

Uranium Oxide.—Occasional small withdrawals made up the call during the past week. Quotations were without change. May imports totaled 48,708 pounds, valued at $65,432, of which 36,500 pounds came from Belgium and 12,208 pounds from Canada.

Acids

Quiet conditions prevailed in the market for various mineral acids again last week. While business was about the same as heretofore, some consolation was derived from recent developments that would indicate the basic consuming industries have touched bottom in low operating schedules. Consequently, sellers were looking ahead with a better feeling to the late Summer or early Fall for a revival of a more normal demand. Price schedules were well sustained in all instances. Sulphuric acid market continued to lag. Acetic acid was quiet. Battery and chromic remained slow, reflecting low automotive output. Formic, gallic and muriatic were in moderate demand. Nitric was highly irregular and oxalic continued to show a lack of interest from large consuming industries.

Acetic Acid.—The market continued quiet, demand from principal consuming channels was on a restricted basis to cover nearby needs only. Price schedules were without alteration.

Battery.—The market remained slow, the call from the battery trade was narrow, reflecting the lower automotive output. Quotations remain unchanged.

Chromic. — The plating trade was coming into the market for small quantities only to take care of urgent requirements. No change was uncovered in the quotations from the previous period.

Formic.—Nothing of particular importance developed in this direction throughout the past week, and the market remained quiet.

Gallic. — Only routine interest was

Current prices on heavy chemicals are given in the alphabetical list of prices beginning on page 7

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manifest in this direction again last week. Quotations were in conformity with the preceding period.

Lactic.—The call came chiefly from the foodstuff and leather tannning industry for moderate quantities. No change was disclosed in the price schedule.

Muriatic.—Quiet continued to characterize dealings in the market. Sellers were adhering to quotations in force previously.

Nitric.—Business was highly irregular, and in most instances confined to current requirements, reflecting conditions in principal consuming channels such as celluloid, rubber, rayon and dyestuffs.

Oxalic.—Major consumers were still following a cautious purchasing policy, while a fairly broad demand was in evidence for smaller consumers. Quotations were without change.

Sulphuric. — Interest in the market continued to lag. The demand from principal consuming industries, such as steel, automotive and textile showed no particular acceleration, and sellers were not looking forward to any real activity in this direction until later in the summer. Steel operations have given indications of reaching bottom, while evidence of a late summer pickup in textile field was gaining momentum, the outlook at least was materially improved. Quotations for the various grades of sulphuric acid were well maintained at previous levels.

Baltimore, June 28.—No actual marking up of the quotations has occurred, the figures remaining nominally at $12 per ton for 60 degree and at $15 per ton for 66 degree acid, but the continuance of preparations for armed conflict, with its stimulation of the production of explosives, has none the less imbued the market with a stiffening tendency, and if the list should be actually advanced it would not occasion surprise. Oleum is also steady at $17 per ton for 20 percent supplies.

Insecticides

With the peak season for most agricultural insecticides and fungicides passed, particular attention was focused on calcium arsenate, which was expected to move in large volume over the next several weeks, because of the increased alarm over insect pests as the result of recent heavy rains and the lateness of the cotton crop in most sections.

Calcium Arsenate. — The outlook for this material began to improve considerably with reports emanating from the Southern cotton belt states to the effect that recent rains had increased the alarm over the number of formidable insect pests. Cotton crop was about three weeks late in most sections, the weather of the week favored the growth of cotton, except in the northeastern portion of the belt, but in many localities the weather was moderately favorable for weevil activity.

Nicotine Sulphate. — Withdrawals were considered holding up comparatively well for this time of the year, most of the spraying work has been accomplished. Quotations were held at previous levels.

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Drug Act Signed by President

—*Continued from page* 3

4. Authorizes emergency permit control of food that may be injurious because of contamination with microorganisms, if public health cannot otherwise be protected (sec. 404).

5. Forbids traffic in confectionery containing metallic trinkets and other inedible substances (sec. 402 (d)).

6. Specifically requires label declaration of artificial coloring, artificial flavoring, and chemical preservatives in food, but exempts butter, cheese, and ice cream from this requirement in so far as artificial coloring is concerned (sec. 403 (k)).

7. Requires labeling of special dietary food to inform purchasers fully of its vitamin, mineral, and other dietary properties (sec. 403 (j)).

8. Provides for the promulgation of a definition and standard of identity and a reasonable standard of quality and fill of container for each food, but exempts from this provision fresh and dried fruits and vegetables, except avocados, cantaloupes, citrus fruits, and melons (sec. 401, sec. 403 (g), (h)). Butter is also exempt from this provision, but the act preserves the statutory definition and standard of identity for butter which became law in 1923 (sec. 902 (a)). (The old law contains no authority for the establishment of definition and standards of identity, and the authority to establish standards of quality and fill of container is limited to canned foods.)

9. Requires the labeling of food for which no definition and standard of identity has been fixed to disclose the ingredients by name, except spices, colorings, and flavoring, which may be declared simply as spices, colorings, and flavorings. Authorizes regulations prescribing exemptions from this requirement where compliance is impracticable or results in deception or unfair competition (sec. 403 (i)).

10. Does not contain the "distinctive name" joker of the old law under which any mixture or compound of food not injurious to health can escape control.

11. Brings under control drugs used in the diagnosis of disease and drugs intended to affect the structure or any function of the body (sec. 201 (g) (2), (3)).

12. Brings therapeutic devices under control, and subjects them to the same general requirements as are set up for drugs (sec. 201 (h), secs. 501, 502).

13. Prohibits traffic in drugs and devices which are dangerous to health under the conditions of use prescribed in the labeling (sec. 502 (j)).

14. Prohibits traffic in new drugs unless such drugs have been adequately tested to show that they are safe for use under the conditions of use prescribed in their labeling; authorizes exemption from this requirement of drugs intended solely for investigational use by qualified scientific experts (sec. 505).

15. Makes the Homeopathic Pharmacopeia of the United States the legal standard for homeopathic drugs (sec. 201 (j), sec. 501 (b)).

16. Requires labels of official drugs—i.e., drugs recognized in the United States Pharmacopeia, National Formulary, or Homeopathic Pharmacopeia of the United States—to reveal any differences of strength, quality, or purity from the official standards (sec. 501 (b)). (The old law requires merely that the label bear a true statement of the strength, quality, and purity of the drug, without showing the difference from the official standard.)

17. Requires drugs intended for use by man to bear labels warning against habit formation if they contain any of a list of narcotic or hypnotic habit-forming substances, or any derivative of any such substance which possesses the same properties (sec. 502 (d)).

18. Requires the labeling of drugs and devices to bear adequate directions for use, but authorizes regulations exempting drugs and devices from this requirement where it is not necessary for the protection of the public health (sec. 502 (f)).

19. Requires the labeling of drugs and devices to bear warnings against probable misuse which may be dangerous to health (sec. 502 (f)).

20. Requires special precautionary labeling for drugs that are liable to deterioration (sec. 502 (h)).

21. Does not contain the fraud joker in the old law under which the government must prove that false claims of curative effect on the labels of patent medicines were made with willful intent to deceive.

22. Requires official drugs to be packaged and labeled as prescribed by the pharmacopeias and formulary (sec. 502 (g)).

23. Declares nonofficial drugs illegal if the standard of strength thereof differs from the standard claim (sec. 501 (c)). (The old law prohibits only those which fall below the strength claimed.)

24. Requires that antiseptics possess germicidal power (sec. 201 (o)).

25. Requires the labels of nonofficial drugs to list the names of the active ingredients, and in addition to show the quantity or proportion of certain specified substances. Authorizes regulations prescribing exemptions from this requirement where compliance is impracticable (sec. 502 (e)).

26. Proscribes the use of containers for food, drugs, and cosmetics which may render the contents injurious to health (sec. 402 (a) (6), sec. 501 (a) (3), sec. 601 (d)).

27. Prohibits traffic in food, drugs, and cosmetics which have been prepared or handled under insanitary conditions that may contaminate them with filth or that may render them injurious to health (sec. 402 (a) (4), sec. 501 (a) (2), sec. 601 (c)).

28. Forbids the use of uncertified coaltar colors in food, drugs, and cosmetics, other than hair dyes (sec. 402 (c), sec. 501 (a) (4), sec. 601 (e)).

29. Proscribes slack filling of containers for food, drugs, and cosmetics, and prohibits the use of deceptive containers (sec. 403 (d), sec. 502 (i) (1), sec. 602 (d)).

30. Authorizes factory inspection of establishments producing food, drugs, devices, and cosmetics for interstate shipment (sec. 704).

31. Provides for the procurement of transportation records and other documents necessary to establish Federal jurisdiction (sec. 703).

32. Requires that part of samples collected by the government for analysis be given to the manufacturer on request, but provides exemption from this requirement to the extent necessary for proper administration of the act (sec. 702 (b)).

33. Authorizes the government to charge fees for the certification of coaltar colors in amounts necessary to defray the expenses of the service (sec. 706).

34. Specifically authorizes abatement of administrative proceeding in minor violations through written notice or warning from the enforcing agency when the public interest can thus be adequately served (sec. 306).

35. Provides increased criminal penalties for violations (sec. 303).

36. Authorizes the Federal courts to restrain violations by injunction (sec. 302).

37. Limits seizure for misbranding to a single interstate shipment of the product unless the misbranding has been the subject of a prior court decision in favor of the government, or unless the misbranded article is dangerous to health, or its labeling is fraudulent or would be in a material respect misleading, to the injury or damage of the purchaser or consumer (sec. 304 (a)). Authorizes consolidation of multiple-seizure cases (seizures of two or more interstate shipments of identical goods from the same shipper) for trial in a single jurisdiction (sec. 304 (b)). Also authorizes such consolidated cases, as well as cases involving seizure of a single interstate shipment for misbranding, to be removed for trial to any district agreed upon by stipulation between the government and the shipper or owner of the seized goods. In case of failure to reach an agreement, the shipper or owner of the goods may apply to the court in which the seizure was made, and the court is required, unless good cause to the contrary is shown, to specify a district of reasonable proximity to the applicant's principal place of business in which the case will be tried (sec. 304 (a), (b)). (The old law places no limitation on the number of shipments of illegal goods which may be seized; contains no provision for change of venue for trial; and seizures thereunder are tried in the districts in which the seizures occur, which ordinarily are the districts to which the goods have been shipped for sale and consumption.)

38. Provides for a judicial review in United States Circuit Courts of Appeals to determine the validity of certain regulations. This form of review is an addition to and not in substitution for any other remedies provided by law (sec. 701 (f)).

Regulations Being Drafted

The Food and Drug Administration has begun preliminary work preparatory to drafting tentative regulations under various sections of the new law, and some of these will be issued in the Fall, to be followed by public hearings. However, some regulations may be issued in the near future, covering those sections which went into effect immediately, particularly section 505 (i) relating to new drugs for experimental use. Such regulations may be put into provisional effect as soon as issued, and hearings scheduled for receiving protests or suggestions for revision.

Construction of a new pharmacology and vitamin laboratory for the Food and Drug Administration will begin in a few weeks under an allotment of $650,000 made by the Public Works Administration from funds appropriated in the new work relief act.

The building will be constructed at the department's experimental farms at Beltsville, Md., just outside the District of Columbia, near the F.D.A. insecticide testing laboratory. It will house the pharmacology division, headed by Dr. H. O. Calvery, and the vitamin division, headed by Dr. E. M. Nelson. These divisions are now housed in the office building of the Department of Agriculture, but it has been found that these quarters are not suitable for the animals needed in work of this kind, and both these divisions will have to be enlarged somewhat because of requirements of the new food and drugs law.

Industrial Uses of Chemicals and Related Materials

(Formerly styled "Where You Can Sell")

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Six-hundredth Recapitulative Instalment

(Parenthetical references are to the numbers of patents in the United States or other countries, as designated)

Cellulose Acetopropionate

(Acetopropionate de Cellulose, Cellulosacetopropionat, Zellulosazetopropionat)

Ceramic

Ingredient of—
- Coating compositions, containing also plasticizers, solvents, and other ingredients, used for the decoration and protection of ceramic products

Electrical

Ingredient of—
- Insulating compositions containing also plasticizers, solvents, and other ingredients

Glass

Ingredient of—
- Compositions, containing also plasticizers, solvents, and other ingredients, used in the manufacture of nonscatterable glass and as coatings for the decoration and protection of glassware

Glue and Adhesives

Ingredient of—
- Adhesive compositions containing also plasticizers, solvents, and other components

Ink

Ingredient of—
- Compositions containing also plasticizers, solvents, and other ingredients

Leather

Ingredient of—
- Compositions, containing also plasticizers, solvents, and other ingredients, used in the manufacture of artificial leathers and as coatings for the decoration and protection of leather goods

Metal Fabricating

Ingredient of—
- Coating compositions, containing also plasticizers, solvents, and other ingredients, used for the decoration and protection of metallic articles

Miscellaneous

Ingredient of—
- Coating compositions, containing also plasticizers, solvents, and other ingredients, used for the decoration and protection of various compositions of matter

Paint and Varnish

Ingredient of—
- Paints, varnishes, dopes, enamels, and lacquers, along with plasticizers, solvents, resins, and other ingredients

Paper

Ingredient of—
- Compositions, containing also plasticizers, solvents, and other ingredients, used in the manufacture of coated paper and as coatings for the decoration and protection of paper and pulp products

Photographic

Ingredient of—
- Films containing also plasticizers, solvents, and other ingredients

Plastics

Ingredient of—
- Compositions, containing also plasticizers, solvents, and other ingredients

Rubber

Ingredient of—
- Coating compositions, containing also plasticizers, solvents, and other ingredients, used for the decoration and protection of rubber goods

Stone

Ingredient of—
- Coating compositions, containing also plasticizers, solvents, and other ingredients, used for the decoration and protection of artificial and natural stone

Textile

Ingredient of—
- Compositions, containing also plasticizers, solvents, and other ingredients, used in the manufacture of coated fabrics

Starting point in making—
- Synthetic yarns

Wood

Ingredient of—
- Coating compositions, containing also plasticizers, solvents, and other ingredients, used for the decoration and protection of woodwork

Methyldodecylaminopropionic Acid

(Continued from June 27 issue)

Paper

Dispersing agent (Brit. 446813 and 446737) in making—
- Emulsified preparations used for the treatment of paper and pulp products
- Sizing compositions in emulsified form, containing rosin, casein, starches, and the like
- Waterproofing compositions in emulsified form
- Waxing compositions in emulsified form

Petroleum

Dispersing agent (Brit. 446813 and 446737) in making—
- Emulsified cutting oils for lathe and screwpress work
- Emulsions containing petroleum or heavy petroleum distillates
- Kerosene emulsions
- Naphtha emulsions
- Soluble greases in emulsified form
- Soluble oils in emulsified form for lubricating textile machinery
- Various emulsified textile oils

Resins

Dispersing agent (Brit. 446813 and 446737) in making—
- Emulsions of natural or artificial resins

Rubber

Dispersing agent (Brit. 446813 and 446737) in making—
- Rubber compositions in emulsified form
- Special emulsified preparations used for coating, protecting, decorating, and other surface-treating of rubber articles

Soap

Dispersing agent (Brit. 446813 and 446737) in making—
- Hand-cleansing compositions in emulsified form
- Various emulsified cleansing compositions
- Various emulsified scouring compositions

Stone

Dispersing agent (Brit. 446813 and 446737) in making—
- Compositions for treating natural and artificial stone

Textile

Dyeing

Ingredient (Brit. 446813 and 446737) of—
- Dye baths in emulsified form (used as an assistant in dyeing various yarns and fabrics)

Finishing

Dispersing agent (Brit. 446813 and 446737) in—
- Dressing compositions in emulsified form
- Emulsified coating compositions
- Emulsified finishing compositions
- Emulsified impregnating compositions
- Emulsified sizing compositions
- Washing compositions in emulsified form

Manufacturing

Dispersing agent (Brit. 446813 and 446737) in—
- Dispersions used for carbonizing of wool
- Dispersions used for degreasing raw wool
- Dispersions used in fulling operations
- Dispersions used for washing wool
- Emulsified mercerizing baths
- Emulsified milling compositions
- Emulsified preparations for degumming silk
- Emulsions used for kier boiling cotton
- Emulsions used for soaking silk
- Oiling emulsions for treating fabrics
- Special lubricating compositions used in weaving, knitting, warping, and winding

Printing

Ingredient (Brit. 446813 and 446737) of—
- Printing pastes in emulsified form

Titanium Dioxide

(Bioxide Titanique, Bioxide de Titanium, Blanc de Titanium, Dioxide Titanique, Dioxide de Titanium, Oxide Titanique, Oxide de Titanium, Titandoppelteoxyd, Titanic Acid Anhydride, Titanic Oxide, Titanium White, Titanoxyd, Titanweiss)

Cellulose Products

Filler (Brit. 416412) in—
- Cellulose ester-resin products used as coating compositions, protective films, adhesives, impregnating agents, or moulding materials

Ceramic

Opacifying agent in—
- Enamels
- Glazes

Pigment in—
- Enamels
- Glazes

Chemical

Catalyst in—
- Oxidizing carbon monoxide

Catalyst in making—
- Acetic acid esters

Catalyst stabilizer (Brit. 381185) in making—
- Higher alcohol mixtures such as:—
  - (1) Normal propyl alcohol, isobutyl alcohol, normal butyl alcohol, methylethylcarbin carbinol, hexyl alcohol, heptyl alcohol, octyl alcohol, and nony alcohol
  - (2) Normal propyl alcohol, isobutyl alcohol, normal butyl alcohol, and higher alcohols, with methylethylcarbin carbinol

Reducer or accelerator (French 752270) of—
- Catalytic action in making aliphatic anhydrides

Reducing agent (U.S. 1512271) for—
- Beryllium oxide ore
- Boron oxide ore

Starting point in making—
- Catalysts
- Gels having catalytic or adsorbent properties (Brit. 398517)
- Titanium chemicals

Cosmetic

Pigment in—
- Skin-whitening lotions

Dental Products

Filler in—
- Artificial teeth

Pigment in—
- Artificial teeth

Electrical

Incandescent medium and pigment in making—
- Arc light electrodes
- Electrodes for mercury vapor lamps (U.S. 1902936)

Glass

Opacifying agent

Ink

Opacifying agent

Pigment in—
- White inks

Leather

Mordant in—
- Leather dyeing

Linoleum and Oilcloth

Filler in—
- Linoleum

Opacifying agent in—
- Linoleum

Pigment in—
- Linoleum

Metallurgical

Ingredient (U.S. 1909217) of—
- Flux-coated welding rods

Metal Fabricating

Opacifying agent in—
- Vitrified enamels for iron and steel articles

Pigment in—
- Vitrified enamels for iron and steel articles

Miscellaneous

Improver (U.S. 1913480) of—
- Color, in artificial light, of synthetic spinels used as gem stones

Ingredient of—
- Sealing composition for glassware, containing also glue, casein, talc, diethyleneglycol, paraformaldehyde, water and ammonia (U.S. 1904445)

Paint and Varnish

Pigment in—
- Paints, lacquers, enamels, varnishes, dopes of various kinds

Starting point in making—
- Dry pigment preparations readily dispersible in aqueous mediums (Brit. 404041)
- White pigments of lithopone type with barium, calcium, and other bases

Paper

Filler in—
- Beater cycle
- Book papers, tissue papers, and the like
- Wrapping paper for foodstuffs (U.S. 1946141)

Improver of—
- Printing qualities

Increaser of—
- Brightness and opacity in tissue papers and thin papers for books, encyclopedias, bonds, ledgers, and the like

Pigment in—
- Book papers, tissue papers, and the like
- Coating processes

Reducer of—
- Offset

Substitute for—
- Bleaching operations on off-colored stock

Petroleum

Catalyst in making—
- Gasoline (U.S. 1124333)
- Petroleum ether (U.S. 1124333)

Photographic

Sensititvity promoter (Brit. 413095) in—
- Production and reproduction of colored pictures or designs by means of visible or invisible rays on films of cellulose ethers or esters, paper, rayon, and other cellulosic mediums

Plastics

Filler in—
- Plastic products

Opacifying agent

Pigment

Rayon

Delustring agent (Brit. 409521, 409625, 426751, and 426912; U.S. 1940602)

Rubber

Accelerator (U.S. 1326319) in—
- Vulcanizing processes

Filler in—
- Rubber batches

Opacifier in—
- Rubber batches

Pigment

Soap

Whiteness increaser in—
- Shaving soaps
- Toilet soaps

Textile

Mordant in—
- Dyeing processes
- Printing processes

Resist (U.S. 1864582) in—
- Color-discharge printing of silk or rayon

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•

THE BARRETT COMPANY

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Barrett CHEMICALS

Coaltar Chemicals

May Benzol Production Shows Sharp Decline from a Year Ago —Cresol, Cresylic Acid and Phenol Quiet—Toluol Steady —May By-Product Output Continues Downward

Lack of any sustained demand continued to characterize business in the coaltar chemical market again last week. The downward movement of coke by-product production continued during May, and total production was 7 percent below the preceding month, and 52 percent below the level of the corresponding period a year ago. With the exception of benzol, however, stocks of coaltar chemicals were adequate to cope with the abnormally light demand. A revival in the automotive, plastics and other large consuming channels in the late Summer or Fall could very easily cause a complete reversal in the market trend. Pricewise the market lacked feature, and a steady tone prevailed.

Price Changes

Prices were changed during the past week as follows:—

Advanced

None

Reduced

None

Comparative Values

Index numbers compiled from twenty typical coaltar products on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
125.9	**125.9**	**126.1**	**127.2**

Market news that may have developed after this report was sent to press will be found on page 4.

Benzol production continued to decline last month, with the output estimated at only 4,905,000 gallons, against 5,385,000 gallons in the previous month and 10,448,000 gallons during May, 1937. Demand continued sufficient to absorb these small quantities, and the market remained in a firm position. Cresol, phenol and cresylic acid were quiet, reflecting to a large degree the lack of interest from the plastic and synthetic resin industry. The railroads and public utilities were not displaying a great deal of interest for creosote oil. Crude and refined napththalene were dull, and the import market was weak. Coaltar solvents such as toluol and xylol were featureless, with seasonally low automotive activity lessening the demand from the lacquer trade. Only moderate interest was uncovered for coaltar acids and intermediates. Coaltar colors market was narrow, but evidence of some improvement in the textile industry brightened the outlook for various colors.

The downward movement of coke production continued during May, the total production of 2,341,021 tons from by-product and beehive ovens. The daily average output for the month was 75,879 tons, the lowest rate recorded since September, 1934. Production of by-product coke for the 31 days of May amounted to 2,282,621 tons, or 73,633 tons per day, a decrease of 9 percent in comparison with the daily rate obtained in April. Reflecting the continued recession in iron and steel activities, the daily average output at furnace plants dropped 11 percent from that of April, while at merchant plants the loss amounted to 7 percent.

Output of beehive coke declined from 74,700 tons in April to 58,400 tons in May, a loss of 22 percent. Stocks of by-product coke on the last day of May were 4.5 percent higher than at the beginning of the month. Most of the increase occurred at merchant plants, where stock piles rose in volume 6 percent.

Coking coal charged in by-product ovens during May totaled 3,235,803 tons, compared with 3,456,523 tons in April, 1938, and 6,433,850 tons in the corresponding month a year ago. For the first five months this year it aggregated 17,949,111 tons, against 31,133,900 tons in the same period last year.

Light oil May recovery totaled 9,416,186 gallons, contrasted with 10,058,481 gallons in the preceding month and 18,648,143 gallons in May, 1937. For the first five months this year it aggregated 52,231,913 gallons, compared with 90,599,649 gallons in the like period a year ago. May tar production amounted to 28,658,214 gallons, as against 30,623,735 gallons in April, 1938, and 59,256,342 gallons in May, 1938. For the first five months it totaled 159,029,123 gallons, compared with 275,846,354 gallons in the corresponding period a year ago. Ammonia sulphate or its equivalent April production was 64,004,000 pounds, as against 68,684,000 pounds during April, and for the first five months aggregated 348,277,000 pounds.

Basic Products

Benzol.—Production of benzol during the month of May continued its downward trend, totaling only 4,905,000 gallons, compared with 5,385,000 gallons in the preceding month and 10,448,000 gallons in the corresponding month a year ago. For the first five months this year production aggregated 28,018,000 gallons, compared with 51,404,000 gallons in the same period a year ago. With steel operations last week scheduled at 28.7 percent of capacity, against 28.0 percent the previous week and 75 percent in the same period last year, it seems rather remote that the statistical position of benzol will show material improvement, although steel operations have shown a tendency to rise slightly in recent weeks, and this may mean the low level of production has been reached. Sellers were experiencing difficulty in supplying the demand as the result of the short position of the market, and large size orders many times suffer delays. A firm tone governed the dealings.

Cresol.—A fair interest was displayed for disinfectant purposes, while the call from the synthetic resin industry remained dull. Quotations were unchanged.

Creosote Oil.—With principal consuming interests such as railroads and public utilities remaining aloof, the market showed no evidence of snapping out of the lethargy prevailing for some time. Price schedules were well sustained. May imports totaled 8,639,622 gallons, valued at $978,398, of which 2,391,108 gallons came from Germany; 6,040,271 gallons from the United Kingdom, and 8,243 gallons from Canada.

Cresylic Acid.—There was little evidence of any large scale buying by principal consuming industries, some interest was shown for disinfectant purposes, while the synthetic resin trade and other consumers were following a hand-to-mouth buying policy. Quotations continue unchanged. There was little feature to the import market, with an easy tone still prevailing. May imports aggregated 78,737 gallons, valued at $48,706, of which 23,656 gallons came from Germany, 44,184 gallons from the United Kingdom, and 8,897 gallons from Australia.

Naphthalene.—Dealings in the market continued dull. The refined material season was about finished and the call for the crude showed a lack of interest from large consuming channels such as the synthetic resin and intermediate manufacturers. Quotations were without alteration. Imported naphthalene was easy. May imports amounted to 2,573,837 pounds, valued at $49,512, of which 440,920 pounds came from Belgium; 438,177 pounds from Czechoslovakia; 661,380 pounds from Germany; 264,566 pounds from the Netherlands; 217,604 pounds from Poland and Danzig, and 551,190 pounds from Russia.

Phenol.—The market continued concerned with moderate withdrawals, and lacked any particular feature. Demand from the plastic and synthetic resin industries showed comparatively little improvement. Prices were steady to firm.

Toluol.—Demand from the lacquer trade was confined to minimum proportions in most instances, reflecting the lower automotive output to a large degree. Quotations were without change.

Chicago Coaltar Bases

Trade is quiet in the coaltar bases, with values prevailing in most products closely following the levels which have been in

Current prices on coaltar products are given in the alphabetical list of prices beginning on page 7

effect recently. The buying of benzol is reported fairly active. In general the supply is limited by conditions in the steel industry. Inquiries are fair. Ruling prices exclusive of tax are:—Benzol, 90 percent, 16c. to 17c. per gallon; motor benzol, 10½c. to 11c.; toluol, 22c.; 10-degree xylol, 28c.; solvent naphtha, 26c.; creosote oil, grade 1, 13½c. to 14c.

Coaltar Acids

H.—The interest from dyestuff manufacturers continued restricted. In most instances orders were confined to small quantities for current requirements. No change was uncovered in the quotations.

Maleic.—A hand to mouth buying policy governed the dealings throughout the week under review. Quotations were firm at previous levels.

Sulphanilic.—Demand for the technical material was fair, and principle consumers apparently were continuing the cautious policy to take care of nearby needs only. Quotations ruled unchanged.

Other Intermediates

Anilin. — The call from textile industry and chemical processors was along narrow lines throughout the past week, and despite the dull character of the dealings, quotations were well sustained.

Monochlorobenzene. — A steady to firm tone predominated the dealings. There was compartively little new to report in the character of new business, with usual consumers displaying only moderate interest.

Orthotoluidine. — Quotations were well maintained at previous levels. Dealings in the market noted little improvement from the quiet conditions prevailing heretofore.

Paranitrochlorobenzene. — The market dragged through another dull period. The call from major consuming channels was held to moderate proportions. Quotations were unchanged.

Phthalic Anhydride. — Demand from the synthetic resin industry and other large consumers continued restricted, and the market moved through another quiet week. A steady to firm tone ruled.

Thiocarbanilide.—The market lacked particular feature from a demand standpoint. Quotations were in line with the previous period.

Coaltar Colors

Business in the market for coaltar colors continued narrow. Sellers were adhering to quotations established previously, despite the dull character of the business. Evidence of general improvement in the textile industry was beginning to take shape and considerably improved the outlook for consumption of the various colors. Of particular interest was the domestic cotton mill situation, which has greatly improved by exceptionally large sales of goods during the past few weeks.

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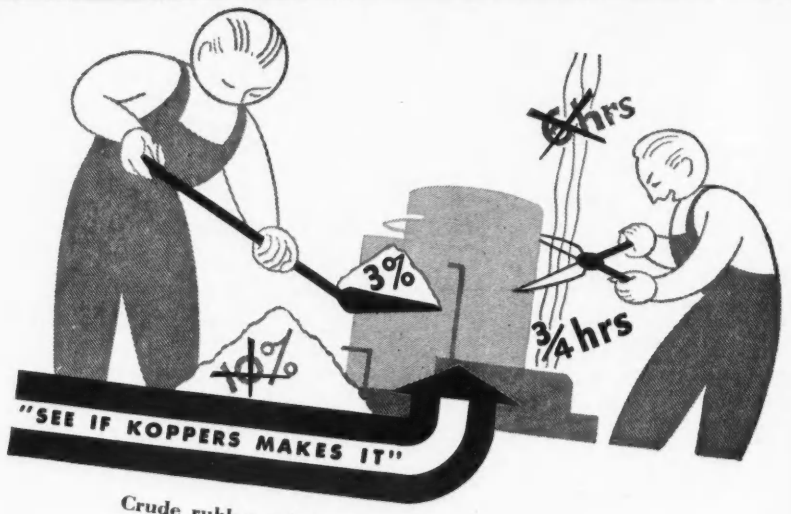

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OTHER KOPPERS PRODUCTS

Tanks and Tank Work . . . Benzol Recovery Plants . . . Naphthalene Removal Apparatus . . . Phenol Removal Apparatus . . . By-Product Gas Plants . . . By-Product Recovery Apparatus . . . Sulfur Recovery Apparatus . . . Coal Tar Roofing Materials . . . Waterproofing and Dampproofing Materials . . . Tarmac Road Tar Materials . . . Bituminous Base Paints . . . Coal . . . Coke . . . Fast's Self-aligning Couplings . . . Fire Hydrants . . . Piston Rings . . . Gas, Air and Water Valves . . . Pressure-treated Lumber

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KOPPERS COMPANY
PITTSBURGH, PA.

Dyestuffs, Textile and Leather Chemicals

Demand Shows Slight Improvement and Outlook Considerably Better—Bichromates More Active—Myrobalans and Quebracho Firm—Indigo and Cochineal Steady—Starch Spotty

A slightly better movement of some textile, leather and tanning materials was reported last week. Strengthening of the price structure in important silk, acetate constructions, hide and leather lines, and better demand from retailers in all sections for Fall requirements was expected to be reflected in a broad improvement in mill operations. Pricewise the market was unchanged, and a firm tone was in evidence throughout the list.

General stiffening on important silk and acetate materials was accompanied by a better volume of business. Demand for woolen goods was better than it has been for some time. Stocks of goods at mills were very small and manufacturing activity showed a gain, with some mills on a full-time schedule. Substantial orders for Fall shoes from retailers in all sections of the country have been reflected in a firmer price for hide and leather. The larger orders are expected to step up production rate in shoe factories. Finished cotton goods began to move in larger volume, business was the heaviest in eight to ten months. Industrial cotton goods experienced first upswing in several months.

Raw tanning materials noted the best activity in several weeks, the call from tanning interests improved with the rising price of hides and leather together with the better retail demand for shoes. Quebracho and myrobalans were firm features. June shoe production was expected to compare favorably with last year, and the volume for July will be stepped up substantially. Dyestuffs continued to move moderately, indigo and cochineal were steady. Bichromates began to move out in better volume because of the improved textile and leather mill operations in some sections. Corn derivatives were spotty and unchanged. Egg products were dull. Zinc dust was firm.

Price Changes

Prices were changed during the past week as follows:—

Advanced

None

Reduced

None

Comparative Values

Index numbers compiled from nineteen typical dyestuffs on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
151.9	151.9	152.1	154.1

Market news that may have developed after this report was sent to press will be found on page 4.

Chemicals

Alumina Chloride.—A better inquiry was reported in some directions last week, although in most instances the demand was limited to moderate quantities. Quotations were steady to firm.

Antimony Salt. — Usual consumers were coming in the market for modest withdrawals to take care of nearby requirements. No change was reported in the quotations.

Potash Bichromate. — Business was slightly better in this direction throughout the past week. A more active interest was reported from the textile and leather consuming channels. The market tone remained steady.

Potash Prussiate. — Commitments were held to small amounts in most directions. Price schedules were in conformity with the preceding period.

Soda Bichromate.—A broader interest was displayed from major consuming sources, reflecting an improved mill operations in some sections of the country. Quotations were well maintained.

Zinc Dust.—A firm tone governed the dealings again last week. Interest in the market, however, was concerned with moderate withdrawals.

Dyestuffs

Annatto.—A hand-to-mouth buying policy continued in evidence last week for the seed and past materials. Prices ruled unchanged. May imports were 62,632 pounds, valued at $3,067, of which 4,938 pounds came from Barbados; 2,100 pounds from the Dominican Republic, and 55,594 pounds from British India.

Cochineal.—Sellers report a continuation of the cautious buying policy to take care of nearby requirements only. Prices ruled firm. May imports totaled 1,965 pounds, valued at $361, all of which came from Peru.

Indigo.—The call for the synthetic and natural indigo was along modest lines. Sellers were adhering to quotations in force previously.

Logwood. — The market continued quiet throughout the week under review. No change was disclosed in the quotations. May imports of logwood extract amounted to 66,069 pounds, valued at $7.916, all of which came from France.

Tumeric.—A steady to firm tone governed the dealings. Business was narrow, and the call confined to small quantities for immediate needs. May imports aggregated 192,964 pounds, valued at $6,830, of which, 1,120 pounds came from the United Kingdom, and 191,844 pounds from Peru.

Sizing Materials

Albumen, Egg.—The market continued to lack any feature, with consumers limiting commitments to nearby requirements only. Prices were steady to firm. Export market was nominal, with shipments from China negligible.

Dextrin. — Demand was spotty throughout the past week. Sellers were adhering to quotations in force previously. Visible supplies of corn for week ended June 25 totaled 23,104,000 bushels, against 23,075,000 in the previous week, and 4,773,000 bushels in the same period last year.

Egg Yolk.—The market drifted through another listless week, with lack of any large size commitments still in evidence. Quotations were well sustained at previous levels.

Starch.—Sellers report that business was highly irregular. There was little disposition to place orders beyond current requirements, and a steady to firm tone prevailed. The weather of the week was generally favorable for the corn crop, with good to excellent growth noted in practically all portions of the main belt. Except in very local areas, the crop is generally well cultivated and in good condition.

Tanning Materials

Cutch, Philippine.—A fair interest was reported in the market throughout the past week. Sellers were adhering to quotations established previously.

Mangrove Bark.—A better inquiry was displayed in the market. Quotations were in conformity with the previous period.

Myrobalans.—A steady to firm tone governed the dealings. Sellers report a more active interest from tanners during the past week.

Quebracho.—Reflecting an improvement in the leather industry, sellers report a better movement generally throughout the past week. Quotations were well sustained in all instances.

Sumac.—Quotations for the ground and leaf sumac were unchanged. Business was slightly better during the past week.

Valonia. — A broader inquiry was noted in the market throughout the past week. A steady to firm tone prevailed.

Wattle Bark.—Developments of importance were lacking in this direction. The demand was moderate from usual consuming channels, and prices were without alteration.

Current prices on dyestuffs and tanstuffs are given in the alphabetical list of prices beginning on page 7

Consolidated Products Co. Holds Annual Outing

The fifth annual outing for the employees of the Consolidated Products Company, this city, was held at the Sundance Lodge, Singac, N. J., June 25, with approximately 100 in attendance. A program including novelty races, water sports, a beauty contest, and various games, as well as a soft-ball game between office staff and the shop force.

Representatives from the various plants which the Consolidated Products Company is liquidating at present, also attended: The Spreckels Sugar Refinery, Yonkers, N. Y.; the Sunbury Converting Works, Belvedere, N. J.; the Imperial Print Works, Providence, R. I.; the Ahlbell Battery Container Corporation, Waukegan, Ill., and the Detroit Reduction Company, French Landing, Mich.

Benzol Freights Lower

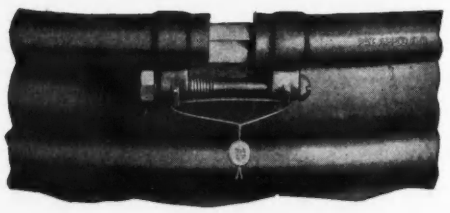
The New York Public Service Commission has approved new commodity freight rates on the following:—

Of the New York Central on benzol in metal cans in boxes or in bulk in barrels, carload, minimum weight 30,000 pounds, in tankcars, subject to rule 35 of Official Classification, from Troy to various New York city stations 21c. per hundredweight. Effective July 15, 1938.

W. M. Brady, of J. P. Stevens & Co., this city, has been elected a member of the directorate of the National Federation of Textiles.

Natural Products Refining Co.
910 Garfield Avenue,
Jersey City, N. J.
Natural
Natural BICHROMATES

NIACET PRODUCTS
Acetic Acid
Glacial - U.S.P. - Reagent
Acetaldol
Acetamide
Paraldehyde
Acetaldehyde
Iron Acetates
Copper Acetate
Methyl Acetate
Crotonaldehyde
Ammonium Acetate
Manganese Acetate
Sucrose Octa Acetate
Other Acetate Salts
Aluminum Acetate Solutions
20% Normal — 32% Soluble Basic
for the preparation of
better textile
WATER REPELLENTS
Uniform — Stable —
Easily Compounded
for further information write
Aluminum Acetate Solutions 20% Normal, 32% Basic
Sodium Acetate Tech. 60%, Special 90% Grades
NIACET CHEMICALS CORPORATION NIAGARA FALLS, N.Y.

EASTERN
BOLTED RING SEAL DRUMS

WHERE added strength and security are needed use our "Bolted Ring Seal" drum shown above for shipping of Dry Chemicals, Dyestuffs, High Temperature Cements, Sweeping Compounds, Lime and Asphalts.
Supplied in Sizes from 10 to 70 gallons. Suitable for solids and semi-liquids.
We also make a complete line of Light Gauge Containers.
Write us for information regarding your container problems.
EASTERN STEEL BARREL CORPORATION
BOUND BROOK, NEW JERSEY

MUTUAL
Mutual Bichromates
Bichromate of Soda
Bichromate of Potash
Oxalic Acid
Chromic Acid
MUTUAL CHEMICAL CO. OF AMERICA
270 MADISON AVE. NEW YORK
PLANTS AT BALTIMORE AND JERSEY CITY MINES IN NEW CALEDONIA

Paint, Varnish, Lacquer Materials

Lead Oxides Advance Further—Bone Dry Shellac Up—Ester Gum Lower—Rosin and Turpentine Firm—Buyers Keep Close to Market's Progress

Pig lead prices continued upward last week, resulting in another advance in prices for dry red lead, litharge and orange mineral. This move took place Thursday and marked the third increase in oxide prices since a week ago Wednesday. White lead and leaded zinc oxides were unaffected by the reversed position of the metal.

An increase in the price of bone dry shellac was another feature on the up side of the market. The week's developments on the off side included reductions in ester gum, gum elemi and Batavia E seeds. Phosphotungstic toners were also reduced.

The market did not attract any additional buying during the week but the purchasing agents were keeping close to the market's progress and it was indicated that there was a widespread readiness to buy if the current trend in securities and commodity values is extended. Chagrin was prominent in white pigment manufacturing circles where third-quarter prices were reduced in the middle of June and metal costs started their present rise within a week afterward. Lead chromates have been given some statistical strength by the increase in metallic lead prices.

Rosin and turpentine occupied a generally firm position in primary and local markets last week, daily offerings being light despite a continuation of large receipts. Export trade in rosin showed a noteworthy increase, demand coming chiefly from Japan. There was a fair movement of rosin and turpentine into domestic consuming channels although new business was rather quiet.

Price Changes

Prices were changed during the past week as follows:—

Advanced

Lead, metal, ¼c. per lb.
red, dry, ¼c. per lb.
Litharge, ¼c. per lb.
Orange mineral, ¼c. per lb.
Rosin, gum, 5c. to 20c. per 280 lbs.
Shellac, bone dry, 1c. per lb.

Reduced

Gum, dammar, Batavia, E. seeds, ⅜c. per lb.
Elemi, ⅜c. per lb.
Ester, ½c. per lb.
Turpentine, gum, ½c. per gal.

Comparative Values

Index numbers compiled from eleven typical paint and varnish materials on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
129.3	**129.3**	**130.4**	**133.4**

Market news that may have developed after this report was sent to press will be found on page 4.

Metallic Lead and Zinc

Lead prices continued to advance. The week's opening found a ready market for the offerings and the sellers who have been limiting daily sales to the amount of their daily intake were forced to place orders on waiting lists for acceptance on the following day. Last week's advance was a rise of ¼c. per pound which took place Thursday and which brought the market up to 4.60c. per pound at East St. Louis and 4.75c. to 4.80c. per pound in New York.

Zinc also moved up ¼c. per pound and kept pace with the lead market. The increase in slab zinc prices occurred Friday morning bringing the market up to 4.75c. per pound at East St. Louis. Sales were very heavy on the rising position of the market. London crossed the £14 mark at the opening call on Friday and American producers raised their price immediately afterward. It was reported that sales during the proceding week reached a total of 17,300 tons against only 1,874 tons two weeks ago. Prime Western zinc producers were reported to have had undelivered contracts of 39,000 tons on their books a week ago, an increase of 14,500 tons over the week before that.

Lead.—Prevailing spot prices at New York, East St. Louis and London for the period from June 25 to July 1, inclusive, were as follows:—

	Pigs				
	Per pound		Spot, London. Per ton		
	New York.	E. St. Louis.	£	s.	d.
Saturday	$0.0450@.0455	$0.0435	..	..	..
Monday	.0450@.0455	.0435	14	18	9
Tuesday	.0450@.0455	.0435	14	7	6
Wednesday	.0450@.0455	.0435	14	8	9
Thursday	.0475@.0480	.0460	14	18	9
Friday	.0475@.0480	.0460	15	1	3

Zinc.—Prevailing spot prices at New York, East St. Louis and London for the period from June 25 to July 1, inclusive, were as follows:—

	Slabs				
	Per pound		Spot, London. Per ton		
	New York.	E. St. Louis.	£	s.	d.
Saturday	$0.0490	$0.0450	..	..	..
Monday	.0490	.0450	13	15	0
Tuesday	.0490	.0450	13	5	0
Wednesday	.0490	.0450	13	8	9
Thursday	.0490	.0450	13	16	3
Friday	.0515	.0475	14	5	0

Pigments

Metallic lead prices advanced another ¼c. per pound on Thursday, effecting an automatic advance in the car lot and l.c.l. prices of dry red lead, litharge and orange mineral. White lead and leaded zinc oxides were unaffected by last week's pig lead price boost, much to the sorrow of the white pigment makers, who lowered their prices in the middle of June for the third quarter of the year and faced higher metal costs immediately afterwards. The makers of white lead and leaded zinc oxide are committed through September at the reduced prices so that if any spot increase in prices is made to cover higher metal costs, it would not mean much for some time ahead.

White Lead. — Pig lead prices are now ¾c. per pound higher than they were on June 15 when the prices for white lead were lowered. The basic metal advanced ½c. per pound a week ago and another ¼c. per pound last week. White lead buyers are covered against the higher metal cost for the third quarter of the year.

Red Lead. — All prices for dry lead advanced ¼c. per pound Thursday with the metal rise on the same day. The new schedule for metal testing 95 percent Pb_3O_4 was as follows:—Car lots delivered Ala., Ariz., Ark., Colo., Fla., Ga., Idaho, La., Miss., Mont., Nev., N. Mex., Okla., Tex., Utah, Wyo., and east of the Cascade mountains in Ore. and Wash., 7½c. per pound, and car lots delivered elsewhere, 7¼c. per pound. Five-ton lots delivered Ala., Ark., Cal., Fla., Idaho, La., Miss., Okla., Tex., and west of the Cascades in Ore. and Wash., 8c. per pound; delivered Ariz., Idaho, Nev., Utah, and east of Cascades in Ore., and Wash., 8½c. per pound; delivered Colo., Mont., N. Mex. and Wyo., 8¼c. per pound, and delivered other points, 7¾c. per pound. Smaller lots are ½c. per pound higher than five-ton lots. Prices for material testing 97 percent are ¼c. per pound higher than 95 percent, and prices for 98 percent material are ½c. per pound higher than 95 percent material.

Litharge. — Prices moved up again Thursday. A ¼c. boost in the basic metal placed the market ¾c. per pound higher than it was eight days earlier. The new schedule for litharge is 1c. per pound lower than the aforementioned price of 95 percent red lead.

Lithopone. — Some consumers were buying a little more actively but because of the recent decline in price, there has been no buying beyond what the manufacturing consumers need for their current plant operations.

Titanium Pigments.—There has been no improvement in sales since the recent reduction in prices. As a matter of fact, sales during the final 15 days of June have been smaller than those of the corresponding period in the two previous months.

Current prices on paint, varnish and lacquer materials are given in the alphabetical list of prices beginning on page 7

RED YELLOW **IRON OXIDES** BROWN BLACK
C. J. OSBORN CO., 132 Nassau Street, NEW YORK
Established 1889

PLYMOUTH STEARATES
ALUMINUM - ZINC - CALCIUM
Established Qualities Manufactured for twenty years by
M. W. PARSONS, Imports & PLYMOUTH ORGANIC LABORATORIES, Inc.
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STEARATES
ZINC STEARATE
CALCIUM STEARATE
ALUMINUM STEARATE
MAGNESIUM STEARATE
Stocks at
• NEW YORK
• CHICAGO
• ST. LOUIS
• KANSAS CITY
• DES MOINES
• LOS ANGELES
• SAN FRANCISCO
• NEW ORLEANS
FRANKS CHEMICAL PRODUCTS CO.
BLDG. 9, BUSH TERMINAL — BROOKLYN, N.Y.

PEERLESS CLAY *For the* PAINT INDUSTRY
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● A background rich in technical knowledge and training, plus the skill of long experience assure the unfailing uniformity of Calco oil colors. In range of colors, this famous line is so complete you can count on this one source for all your shade requirements—an obvious *extra* convenience of Calco service. In addition, expert color matching service is available to you without cost or obligation.

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Orange Mineral. — Prices advanced ¼c. per pound Thursday. The new schedule is as follows:—Five-ton lots, 10½c. per pound delivered Ala., Ark., Cal., Fla., Ga., La., Miss., Okla., Tex., and West of the Cascades in Ore., and Wash.; 11c. per pound delivered Ariz., Idaho, Nev., Utah, and East of the Cascades in Ore., and Wash.; 10¾c. per pound delivered Colo., Mont., N. Mex., and Wyo.; and 10¼c. per pound delivered elsewhere. Less than five-ton lots were ½c. per pound higher than five-tons.

Zinc Oxides. — Prices for leaded oxides were unaffected by the continued rise in metallic lead values last week. The zinc people are committed to sell at the recently reduced prices for the third quarter of the year so that if any spot advance was made to cover the increased cost of lead, it would not mean much for some time ahead.

Fillers and Extenders

Although some of the jobbing houses in the local area reported a better purchasing interest, there has not been much of an improvement in actual sales. Buyers were keeping close to the market ready to cover if there was any sign of increasing prices but there is still a good deal of uncertainty as to whether or not the current rising price movement in world commodity values will be extended.

Barytes.—The market held a steady position with little or no change reported in the nature of the demands. May receipts of barytes ore from abroad totaled 7,281 tons, according to the Department of Commerce, of which 6,998 tons came from the Netherlands. Receipts of Cuban material totaled 210 tons.

Diatomaceous Earth.—There has been no change in the price structure. The demands of the market were last reported as having been routine.

Dry Colors

Chemical colors prices entered the final half of the year without change except for the recent reduction in Victoria blue and for a reduction in phosphotungstic toners which was made by one seller Thursday. Other sellers of the latter will probably follow at once. The increase in pig lead prices on Thursday combined with earlier rises in the metal to give the lead chromates a very strong fundamental position. Earth colors also turned into the final half of 1938 without change in price.

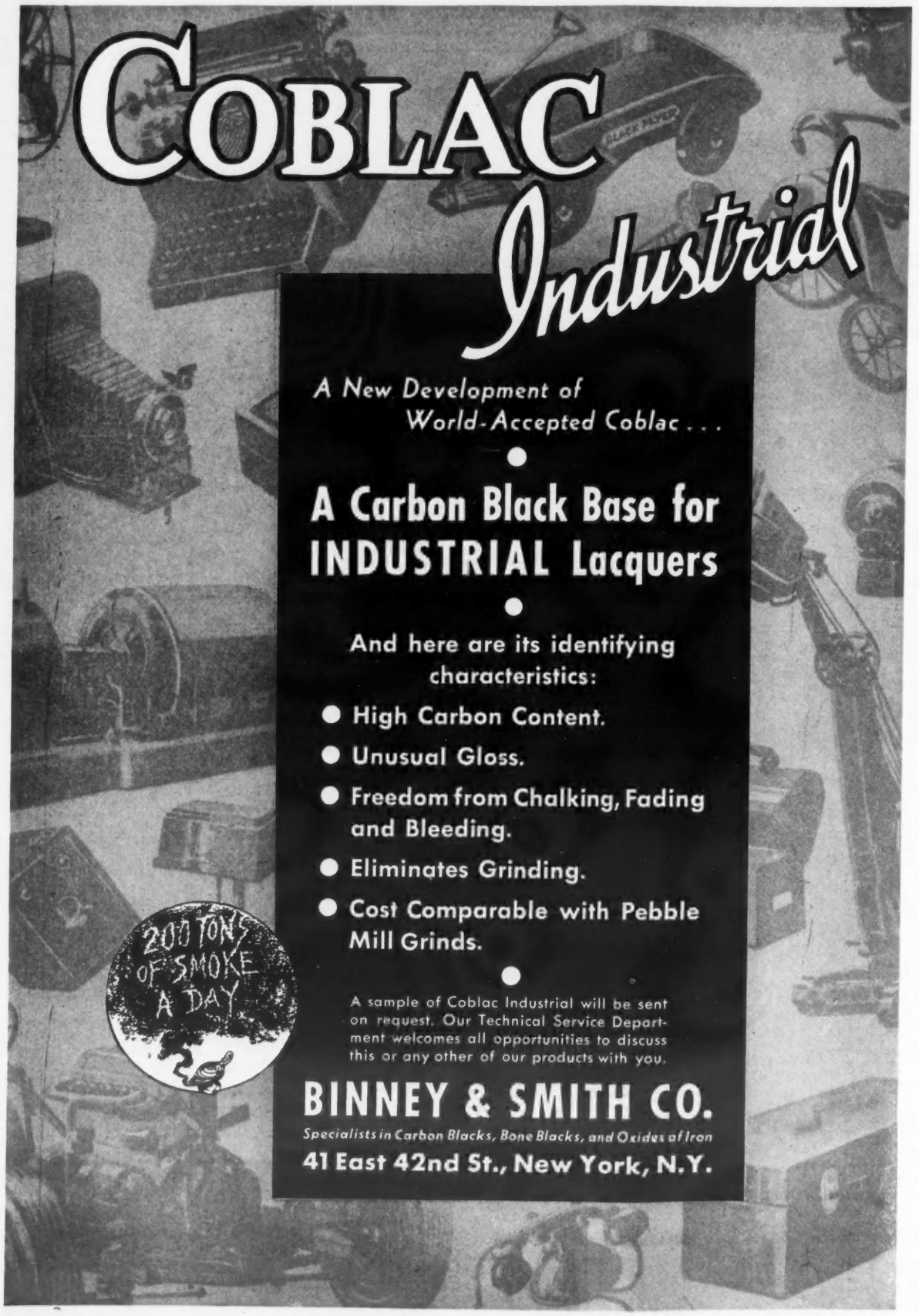
Carbon Black.—Prices for standard grade black continued unchanged. Sellers' reports on the demand side of the market were mixed. Some reported a slight pick-up in delivery orders while others could not report any increase in tonnage sold over the past fifteen days. The only tire makers doing any business at this time were those supplying the replacement market; tire manufacturers supplying the equipment field were more or less idle. Akron buyers were quite blue over the outlook but part of their discouragement may result from the fact that considerable tire production is being moved out of Akron to plants elsewhere in the country.

Chrome Colors.—Lead prices continued upward last week. Thursday's ¼c. per pound rise in the metal and a net advance of ½c. per pound in the metal price a week ago, gave the market for these derivatives a stronger appearance.

Iron Oxides.—May imports of natural oxides totaled 241,463 pounds, of which 142,831 pounds came from Spain, 92,332 pounds from United Kingdom; and 6,300 pounds from Canada, according to the Department of Commerce. Imports of synthetic material totaled 151,350 pounds in May, of which 81,164 pounds came from Germany and the remainder from the United Kingdom.

Sienna.—Receipts of Italian material in May totaled 16,224 pounds of crude material and 17,597 pounds of washed or ground material, according to the Department of Commerce.

Current prices on paint, varnish and lacquer materials are given in the alphabetical list of prices beginning on page 7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A Carbon Black Base for
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And here are its identifying characteristics:
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200 TONS OF SMOKE A DAY
A sample of Coblac Industrial will be sent on request. Our Technical Service Department welcomes all opportunities to discuss this or any other of our products with you.
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Varnish Gums

Replacement market prices for natural gums were still pointed downward last week but the declines were confined to only two gradings, gum elemi and Batavia E seeds. The copal gums were free from further reduction in price. During recent weeks, the replacement market has been very weak on the lack of trading support but last week's declines were few by comparison.

Copals.—There were no downward price movements in this group last week. Business was not much better than it had been but the improved position of the world commodity markets probably neutralized any further weakness in prices.

Dammars.—The price of Batavia E seeds declined ⅜c. per pound last week to the basis of 7⅜c. per pound for straight or mixed car lots, subject to the usual differentials for smaller quantities.

Elemi.—Prices were marked down ⅝c. per pound for replacement, representing the first move in the price of this commodity for some time back. The price was now 8⅛c. per pound for straight or mixed cars with the usual differentials in force for smaller quantities.

Synthetic Resins

Ester gum prices were reduced ½c. per pound, following the recent break in glycerin prices. The market is now based at 6¾c. per pound for 75,000 pound contracts or single shipments of 10,000 pounds delivered New England, New Jersey, eastern New York, eastern Pennsylvania, Delaware and Maryland. Prices delivered in western New York and western Pennsylvania, Ohio, Michigan, Indiana, Illinois, Wisconsin, Minnesota, Iowa, Missouri, Kentucky, Virginia, West Virginia and North Carolina are ½c. per pound additional. Prices delivered to points other than the aforementioned are ¾c. per pound over the 6¾c. basis.

Naval Stores

A considerable increase in export trade in rosin was noted last week, this being the principal development of interest in the naval stores situation during the period. The bulk of the buying was reported to have been for Japanese account. There was also some purchasing reported by South American interests. Domestic trade in rosin and turpentine was rather quiet so far as new business was concerned though the movement into consuming channels on contracts previously placed was reported as somewhat larger than in the previous week. More favorable weather conditions for construction and painting operations apparently accounted for the increased movement of turpentine. Soapers and paper makers were not disposed to anticipate to any important extent although consumption of rosin in these fields is said to have expanded to some extent in recent weeks.

Sentiment in Southern and local naval stores quarters continued to show improvement. The change for the better in this respect was very noticeable and was apparently due largely to recent developments in the financial quarter here. The activity at rising prices in the market for securities had a tendency to strengthen the opinion that an expansion in consumption of raw materials of various kinds, pine products included, is likely to be witnessed in the not distant future. Southern markets for rosin and turpentine had a firm undertone much of the time last week although price movements were narrow. Weather conditions over much of the South were favorable for production and marketing and receipts continued large. Offerings in primary markets from day to day were light, however, apparently indicating, as in recent preceding weeks, that the bulk of the movement was still being placed in storage under the government loan.

Turpentine.—The local situation continued to be featured by a firm tone although there was apparently no expansion in buying interest so far as new business was concerned, consumers being disinclined to purchase ahead on the eve of the week-end holidays. There were reports, however, of an increase in the movement into consuming channels on unfilled contracts. Receipts were large but daily offerings in Southern markets continued light.

SAVANNAH, July 1.—The turpentine market was quiet with the undertone firm. Following is a record of the market for the week:—

	Cents per gal.	Barrels Sales.	Re-ceipts.	Ship-ments.	Stocks.
*Saturday...	..	...	...	...	.....
Monday.....	23½	38	441	742	38,541
Tuesday....	23½	32	735	627	38,649
Wednesday.	23½	36	461	1,532	37,578
Thursday ..	23½	29	515	764	37,329
Friday	23	28	459	1	37,785

* Market closed.

JACKSONVILLE, July 1.—A firm undertone continued to prevail in the market for turpentine. Following is a record of the market for the week:—

	Cents per gal.	Barrels Sales.	Re-ceipts.	Ship-ments.	Stocks.
*Saturday...	..	...	...	...	.....
Monday.....	23¾	11	607	200	20,748
Tuesday....	23¾	57	292	...	21,040
Wednesday.	23¾	45	293	...	21,333
Thursday ..	23½	29	515	764	37,329
Friday	23¾	4	280	...	22,318

* Market closed.

PENSACOLA, June 25.—The turpentine market was quiet and steady. Following is a record of the market for the week:—

	Barrels Re-ceipts.	Ship-ments.	Stocks.
Monday	279	...	28,013
Tuesday	282	445	27,850
Wednesday	93	...	27,943
Thursday	139	448	27,634
Friday	123	162	27,595
Saturday	132	400	27,327

CHICAGO, July 1.—Business in turpentine is quiet. The price has shown no important change. Ruling prices at the close of business last night were:—Five-drum lots, 30c. per gallon; five wood barrels, 35c.; single drums, 33c.; single barrels, 38c.

LONDON, July 1.—Quotations on turpentine were as follows:—

	Per cwt. In bbls. s.	d.
Saturday	32	0
Monday	32	6
Tuesday	32	6
Wednesday	32	6
Thursday	32	6
Friday	32	6

Stocks of American turpentine in London were:—

	July 1.	Previous week.	Last year.
Barrels	25,350	23,098	15,311

Rosin. — Price movements here were narrow but the ruling tone was firm, this being a reflection of conditions prevailing in southern centers, where offerings continued light much of the time in the face of large receipts. So far as new domestic business was concerned, purchasing here was apparently limited as a rule to comparatively small or moderate quantities, consumers still being disinclined to anticipate to any extent. An increased export demand was reported.

SAVANNAH, July 1.—Rosin offerings were light and the market retained a firm tone. Following is a record of the market for the week:—

	Price per unit—Low of range quoted— *Sat.	Mon.	Tues.	Wed.	Thurs.	Fri.
B	...	$3.40	$3.40	$3.40	$3.40	$3.40
D	...	3.65	3.65	3.65	3.65	3.65
E	...	3.90	3.90	3.90	3.90	4.00
F	...	4.35	4.35	4.35	4.35	4.40
G	...	4.52½	4.57½	4.57½	4.65	4.75
H	...	4.55	4.57½	4.60	4.70	4.75
I	...	4.55	4.60	4.62½	4.70	4.75
K	...	4.55	4.60	4.62½	4.70	4.75
M	...	4.57½	4.62½	4.65	4.70	4.75
N	...	5.15	5.20	5.25	5.30	5.35
WG	...	5.65	5.70	5.75	5.80	5.85
X	...	6.30	6.30	6.35	6.35	6.35
		Barrels				
Sales	...	512	236	466	163	193
Receipts...	...	2,618	2,871	2,077	2,185	1,681
Shipments.	...	4,443	425	2,707	764	...
Stocks	...	151,635	154,081	153,456	154,687	156,368

* Market closed.

JACKSONVILLE, July 1.—Rosin remained in a firm position. Offerings were light. Following is a record of the market for the week:—

	Price per unit—Low of range quoted— *Sat.	Mon.	Tues.	Wed.	Thurs.	Fri.
B	...	$3.40	$3.40	$3.40	$3.40	$3.40
D	...	3.65	3.65	3.55	3.65	3.65
E	...	3.90	3.90	3.90	3.90	4.00
F	...	4.35	4.35	4.35	4.35	4.40
G	...	4.55	4.57½	4.60	4.60	4.75
H	...	4.55	4.57½	4.60	4.65	4.75
I	...	4.55	4.60	4.60	4.67½	4.75
K	...	4.55	4.60	4.60	4.67½	4.75
M	...	4.57½	4.62½	4.65	4.70	4.75
N	...	5.15	5.20	5.20	5.25	5.35
WG	...	5.65	5.70	5.75	5.80	5.85
WW	...	6.30	6.30	6.30	5.80	6.35
X	...	6.30	6.30	6.30	5.80	6.35
		Barrels				
Sales	...	544	399	258	141	...
Receipts...	...	2,240	1,890	1,357	1,580	1,575
Shipments.	...	1,260	1,527	305	24	400
Stocks	...	130,204	130,567	131,619	133,175	134,350

* Market closed.

PENSACOLA, June 25.—The rosin market was steady. Following is a record of the market for the week:—

	Barrels Mon.	Tues.	Wed.	Thurs.	Fri.	Sat.
Receipts..	667	861	383	472	319	574
Shipments	458	...	...	200	...	500
Stocks	31,117	31,978	32,361	32,633	32,952	33,026

CHICAGO, July 1.—The feeling generally is a cautious and conservative one as regards purchasing rosin. Ruling prices at the close of business last night were:—B grade, $6.40 per lot of 280 pounds; G grade, $7.57½; M grade, $7.62½; W. W. grade, $9.30.

LONDON, July 1.—Quotations on American rosin were as follows:—

	Per cwt. in barrels— Common. s.	d.	W.W. s.	d.
Saturday	13	3	17	9
Monday	13	3	17	9
Tuesday	13	6	18	0
Wednesday	13	6	18	0
Thursday	13	6	18	0
Friday	13	6	18	0

Pine Oil.—There was apparently no material broadening of business but reports were current of some increase in the call for moderate quantities. The market retained a steady tone.

Pitch.—The local spot situation lacked features of interest, the market being quiet so far as new business was concerned. Quotations were generally held at previous levels and the tone of the market appeared to be steady.

Rosin Oil.—Quotations were steady in the absence of any material change in the position of basic material in primary centers. Purchasing was generally limited to moderate quantities for prompt shipment.

Tar.—The market here retained a steady tone. There was a fair movement into local and other consuming channels on contracts but new business was quiet.

Shellac

Bleachers advanced prices 1c. per pound last week, reflecting the fact that the Calcutta and London markets had undergone a rise that was fairly well sustained over the greater part of last week. Quotations for New York deliveries were 18c. to 19c. per pound as to quantity; Boston, 18½c. to 19½c.; Chicago, 18¾c. to 19¾c.; Pacific Coast, 21c. to 22c. Refined bonedry was offered in any quantity at 24c. per pound, usual differentials prevailing on deliveries at Boston, Chicago, and Pacific Coast. Some gain in business was reported. Agents of shippers said more business had been done, and there was also an improved flow of orders and inquiries reaching the spot suppliers to the consuming trades. No change in local quotations on T. N. and superfine was made.

Calcutta, July 1.—Shellac quotations on the landed New York basis, ex dock net cash, were as follows:—

	Per pound— July 1.	June 24.
July.....	10½c.	9¾c.

Day-to-day prices were as follows:—

	Per pound.
June 24.....	9¾c.
June 25.....	No cables
June 27.....	10c.
June 28.....	10¼c.
June 29.....	10¼c.
June 30.....	10¼c.
July 1.....	10½c.

London, July 1.—Prices quoted on London standard T. N. shellac, basis of sterling exchange at $4.88, were as follows:—

	July 1— Shillings. Cwt.	Cents. lb.	June 24— Shillings. Cwt.	Cents. lb.
August ...	37¾	8.2	36½	7.9
October ..	38¾	8.4	37½	8.1

Day-to-day closing prices were as follows:—

	Per hundredweight— August.	October.
June 24.....	36s 6d	37s 6d
June 25.....	No cables	
June 27.....	37s 9d	38s 9d
June 28.....	38s 3d	39s 3d
June 29.....	38s ..	39s ..
June 30.....	38s ..	39s ..
July 1.....	37s 9d	38s 9d

Lacquer Materials

Movement of lacquer materials and solvents into principal consuming channels continued on a narrow basis last week. May statistics on cellulose acetate and nitrocellulose production and shipments continue to show sizable declines from the same month a year ago, and may act as a gauge to demonstrate the sharp curtailments and consumption in the market as a whole. Low level of operations in major consuming industries such as textiles, plastics, synthetic resin and automotive, are experiencing the usual summer dullness. However, reports from textile and automotive centers were to the effect that sales were commencing to outrun production, and a revival of normal operating schedules were looked for in the not too distant future.

Acetone.—Shipments were moving at

Current prices on paint, varnish and lacquer materials are given in the alphabetical list of prices beginning on page 7

ORGANIC AND INORGANIC
PIGMENT
COLORS
IMPERIAL
PAPER AND COLOR CORPORATION
PIGMENT COLOR DIVISION
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Ultramarine Blues
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The improved non-penetrating quality of Miscible Diamond K is important in primers especially in the popular new field of 2-coat house paints. Even more important in these formulations is its solubility. Solubility of ordinary blown oils is not constant. Paint chemists have been disappointed by blown oils in such formulations because their solubility was not always uniform and though some lots would be satisfactory, others caused complaints of settling. Miscible Diamond K is the cheapest insurance against this, with its unlimited solubility at low premium.
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SPENCER KELLOGG AND SONS, INC.
BUFFALO, N.Y.

a moderate pace in most instances, with major consumers content to order for current requirements only. Prices were in conformity with the previous period.

Cellulose Acetate.—Quiet conditions continued to prevail in the market. Quotations were steady to firm. Production of sheets, rods and tubes during May this year aggregated 257,722 pounds; shipments were 253,491 pounds. During May last year production of sheets, rods and tubes amounted to 1,170,106 pounds, and shipments were 1,098,812 pounds.

Diethyl Phthalate.—Interest in the market continued along narrow lines, with commitments held down to meet current requirements only. Quotations were without change.

Ethyl Acetate. — Business was on a hand-to-mouth basis, with major consumers apparently content to mark time before coming in the market for sizable quantities. Quotations ruled firm.

Nitrocellulose.—Withdrawals continue to reflect conditions in important consuming channels, and were held to urgent requirements. No change was uncovered in the quotations. May production of sheets totaled 415,981 pounds; rods, 212,167 pounds, and tubes, 40,096 pounds. Shipments were 503,539 pounds of sheets; rods, 192,875 pounds, and tubes, 58,610 pounds. During the same month last year production of sheets totaled 1,237,034 pounds; rods, 297,904 pounds, and tubes, 91,860 pounds. Shipments of sheets aggregated 1,072,196 pounds; rods, 315,409 pounds, and tubes, 62,086 pounds.

Driers

As reported last week, manufacturers of stearates and palmitates have extended their contract prices unchanged to cover the third quarter of the year. Aluminum, calcium, magnesium and zinc stearates and palmitates are included in the extension of prices.

Glues and Binders

Casein. — Domestic continued at 8c. to 8½c. per pound for the standard ground and 8½c. to 9c. per pound for the fine mesh. The paper coaters have increased their orders slightly.

Glues. — Prices have not shown any change but there was a definite tendency toward firmness. There were no concessions and no price shading now. Buyers were keeping close to the market, but there has not been much improvement in actual orders.

Paint Styling Study Aided by Magazine Ads

OPD Washington Bureau
June 28, 1938

Regional and home town magazines as well as publications with national circulation will play a definite part in aiding the technical and fact-finding committee of the Council for Paint Styling in its survey of style trends in paint, judging from reports of the field cooperators. These cooperators in forty-eight cities are at work on the committee's project to determine interior and exterior color trends, their operations including the following:—

Clipping of colored advertisements from all types of magazines showing side wall paint treatment when the illustrations are of a character that would influence home-owners; clipping illustrations of colored room interiors from the decoration sections of all magazines; studying department store model rooms; studying model homes; noting additional special influences such as Colonial Williamsburg restoration, world fair activities and magazines of local influence.

A cumulative study of these regional and local publications, it is believed, will result in a wealth of style trend information. The study also provides for comparisons between what is being shown in a "home-town" magazine and what is being done in the decoration of model rooms and model homes in the same community.

Pharmaceutical Advertising Club Elects Brewer President

The Pharmaceutical Advertising Directors Club held its fourth annual meeting June 28 in the Park Central hotel, this city. Douglas Wakefield Coutlee, director of advertising for Merck & Co., who has headed the club during the past two years, presided.

In his annual report Mr. Coutlee said that the membership of the club had increased from thirty-four to forty-six, with most of the leading pharmaceutical houses represented. He also emphasized the advantages of friendly cooperation among the members in dealing with problems in their daily work, and pointed out that it is the object of the club to further goodfellowship among men engaged in the advertising and promotion of ethical pharmaceuticals and, through cooperative and collective effort, to enhance the efficiency of this branch of the pharmaceutical industry.

In its annual election for officers the club chose the following:—President, A. Douglass Brewer, of Ciba Pharmaceutical Products, Inc.; vice-president, Edward B. Austin, of Thomas Leeming & Co.; treasurer, E. Walton Bobst, of Hoffmann-LaRoche, Inc.; secretary, Edward A. H. King, of Crookes Laboratories, Inc.

Dinner and entertainment followed the business session. Arrangements for the affair were handled by a special committee composed of Dr. Robert E. Spline, of the Bristol-Myers Company; A. Douglass Brewer, of Ciba Pharmaceutical Products, Inc.; and Edward A. H. King, of Crookes Laboratories, Inc.

Merz Ultramarine Patent Limited

OPD Washington Bureau
June 27, 1938

The United States Court of Customs and Patent Appeals has refused to allow claims 7 and 20 to 23, inclusive, in the application of Eugene Merz for a patent on a method of purifying ultramarine and the resultant product.

The Patent Office had allowed a number of claims relating to the process, which consists of a method of treating the ultramarine by a flotation process. The Patent Office rejected the claims relating to the article resulting from the process, and an appeal was taken on these.

In its decision, the court found that the product is not new, in that it differs only in degree, and not in kind, from the unpurified material from which it is made, and no new use is claimed for it.

Stream Pollution Bill Not Offered

—Continued from page 5

Health Service, voiced the following objection to the form of the legislation before him:—

This bill provides for the legislative assumption of responsibilities of the executive branch, and, therefore, runs counter to the fundamental concept of our budget system that the planning of work programs of the executive agencies and their presentation to Congress in the form of estimates of appropriation is a duty imposed upon the Chief Executive and not one for exercise by the legislative branch.

I am convinced that appropriations for projects of this character should be based upon estimates submitted in the annual budget. Only in this way can the merit of such projects be considered in their proper relation to the merits of other projects of a similar nature, and all of these projects be then considered in their relation to the needs of the other government activities that are presented for incorporation in the annual budgets.

Pollution Research Planned

In the iron and steel industry an outstanding problem is to prevent stream pollution by waste liquors from such operations as pickling, in which metal is commonly acid-treated. The industry, after endeavoring to solve this problem for many years at heavy expense, recently founded, through the American Iron and Steel Institute, a fellowship at Mellon Institute of Industrial Research, Pittsburgh, with the aim of acquiring novel ideas and attempting a definite solution just as soon as possible. According to word from Mellon Institute, this investigation will be carried on thoroughly until concluded to the satisfaction of health and industrial authorities.

It will be the objective to treat or process the waste liquor of pickling plants so as to render it entirely safe for discharging into streams, recovering from it chemicals from which useful products can be made economically. Thousands of tons of iron and sulphuric acid are said now to be wasted annually in various districts of this country by the lack of a suitable method of treatment, especially a procedure that can be employed on the large scale necessary in big mills, and through the fellowship at Mellon Institute a concerted effort will be made to take out the chemicals in solution in the liquor by a satisfactory procedure and to discover uses for them.

Willard W. Hodge, professor of chemical engineering and head of the department of chemical engineering at West Virginia University and also director of the engineering experiment station of that institution, has been granted a year's leave of absence to head this investigational work at Mellon Institute. He is well known professionally as a specialist on the recovery of by-products from industrial wastes, proper disposal of trade effluents, water purification, and control of stream pollution, and has contributed to the literature of municipal water supplies, waste liquors from by-products of coke plants, treatment of paper mill and tannery wastes, water treatment from the chemical engineering standpoint, disposal of ammonia liquor containing phenols, coal seams and their drainage, and effects of coal mine drainage on water supplies. He received his professional training at Ripon College (A.B., 1909), University of Wisconsin (M.A., 1912), Yale University (M.A., 1913), and Columbia University. He has occupied the chair of chemical engineering at West Virginia University since 1921, having previously taught at Albany College, University of North Dakota, and Oregon State College.

Exchange Orange Products Company has received building permits for the construction of a three-story and warehouse building at 616 East Grove street, Ontario, California.

CAMELINE CALCITE
Calcium Carbonate
Pure White
Dry Ground 325 Mesh
Used as:
Filler for Rubber, Insulation, Linoleum, Paint, Pigments, Plastics, etc.
HARRY T. CAMPBELL SONS' CO.
Towson, Baltimore, Maryland

THE BRADLEY STENCIL MACHINE

MACHINES TO CUT ½ in., ¾ in., 1¼ in., 1½ in. LETTERS
CUTS PAPER SHIPPING STENCILS
A. J. Bradley Mfg. Co.
101 Beekman Street New York

BE SURE··
··YOU GET
"Flowed-In"
GASKETS
IN THE PAILS
YOU BUY
DEWEY & ALMY CHEMICAL CO.
CAMBRIDGE MASS.

GOOD PAINTERS' CAPS are an asset to your business
By supplying your trade with good caps you emphasize your service with added good will.
Let us show you samples and quote on your next order.
Orders accepted for prompt or deferred shipment.
The Minnesota Specialty Co., Inc., 129 North 4th Street MINNEAPOLIS, MINN.
Manufacturers Painters' Caps and other cloth specialties

Oils, Fats, and Waxes

Sales of Tallow at a Further Advance—Chinawood and Perilla Oils Stronger—Refined Whale and Fish Oils Easier—Moderate Changes in Cottonseed Oil—Hog Crop Larger

Quotations on miscellaneous oils, fats and greases again had an upward trend last week, the REPORTER's index number showing a further moderate rise with the tone of the market late in the period generally steady or firm. Trade was quieter, the recent advance in prices apparently having a tendency to make consumers curtail purchases or hold off for further developments in the general business, political and financial situation. Changes in cottonseed and lard futures were generally unimportant. The spring government pig report pointed to an increase in production of 13 percent as compared with last season and indicated an increase of 9 percent in the number of sows to farrow in the fall of the current year.

Chinawood oil again moved upward but the advance had the effect of checking demand, buyers being inclined to hold off for further developments in the situation abroad. Perilla and oiticica oils were higher. Coconut oil advanced early in the week but the tone weakened later on although the movement of oil was on a fair scale. Tallow was stronger with an increased inquiry, sales being reported at a further advance. Greases were also higher, influenced by the strength of tallow. Cash lard was irregular, changes in prices being moderate. There was a fair export movement. Lard, neatsfoot, oleo and tallow oils were advanced. Refined fish oils were reduced moderately.

Price Changes

Prices were changed during the past week as follows:—

Advanced

Chinawood oil, ½c. per lb.
Grease, ¼c. per lb.
Lard compound, 25c. per 100 lbs.
Lard oil, ¼c. to ½c. per lb.
Linseed cake, 25c. per ton.
Linseed meal, $1.50 per ton.
Neatsfoot oil, ⅜c. to ½c. per lb.
Oiticica oil, ½c. per lb.
Oleo oil, ½c. per lb.
Perilla oil, ¼c. per lb.
Tallow, ¼c. per lb.
Tallow oil, ½c. per lb.
Teaseed oil, ⅜c. per lb.

Reduced

Menhaden oil, refined, 2-10c. per lb.
Neatsfoot oil, cold test, ¾c. per lb.
Sardine oil, refined, 2-10c. per lb.
Whale oil, refined, 2-10c. per lb.

Comparative Values

Index numbers compiled from twenty-three typical oils, fats and greases on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
105.4	**104.2**	**103.8**	**136.2**

Market news that may have developed after this report was sent to press will be found on page 4.

Vegetable Oils

Chinawood.—A firm tone continued to prevail much of the time last week in the local and Pacific Coast markets although transactions showed some decrease as compared with the previous period, the rather sharp advance in prices within a comparatively short time making some consumers and dealers inclined to curtail purchases or hold aloof for further developments. There was little change in the situation abroad, however, shippers being firm in their views and apparently not in a position to offer very freely even at higher prices. In the local market business in spot oil was reported to have been closed at as high as 11.5c. to 11.6c. per pound in tankcars.

Coconut.—Crude oil was firmer early in the week, the tankcar price being advanced to 3½c. per pound for spot and nearby oil with the rise attributed to a stronger copra situation and firmness of competing products. Later in the week copra reacted and crude coconut oil prices were reduced ⅛c. There was a fair movement to local and other consumers on contracts and transient orders. Refined oil was in fair demand and steady at 8¼c. per pound in tankcars.

SAN FRANCISCO, June 28.—Coconut oil is quoted on the basis of 3⅛c. per pound in tankcars, f.o.b. Pacific Coast ports and/or mills for delivery in nearby and forward positions. The market remains firm, with the trade interesting itself in forward positions. Copra sellers were posting successively higher quotations from day to day throughout the week, while at the same time being disinclined to listen to anything in the nature of counter bids. Buyers were following to some extent, but the turnover was said to be no more than moderate in the aggregate. Sales were noted here at 1.85c. per pound, c.i.f. but shippers' ideas are now in the neighborhood of 1.90c. to 1.95c. and these quotations are said to be very firm.

Corn.—Quotations on crude oil were stationary but the tone of the market appeared to be firmer in company with various other commodities. There was no increase in offerings and quotations were said to be largely nominal.

Cottonseed. — Edible oil quotations were maintained at previous levels by domestic refiners, the tone of the market being firm. There was a fair movement into consuming channels.

Oiticica. — The strength of competing product was reflected in a better inquiry for oiticica oil and the market was firmer, quotations being advanced ½c. per pound. Offerings continued to be reported as light in all positions.

Peanut. — A firm tone continued to prevail in Southern markets for crude oil. There were reports of some increase in the inquiry with offerings still generally light.

Trading in shelled peanut futures on the New York Produce Exchange from June 25 to July 1, inclusive, comprised 5 contracts, a total of 300,000 pounds. Following is a price record of the week:—

	Cents per pound		
	High.	Low.	Close.
July	5.80	5.80	5.75@6.00
October	...	...	5.50@5.80

Perilla. — The spot situation was stronger, quotations being advanced ¼c. to ⅜c. per pound by some importers. Demand was less active but offerings continued light.

Rapeseed. — The market was quiet and steady at recently prevailing prices. Shipments of seed from India to the United Kingdom and the Continent from January 1 to June 15 were 15,900 tons against 23,500 tons in the same time last year.

Teaseed. — Spot quotations were advanced ¾c. to 1c. per pound and the market appeared to be firm at the advance. Spot stocks have diminished recently and import costs were reported to have risen materially.

Markets at Other Centers

San Francisco, June 28.—Firmness, with further advances in some of the materials characterized the vegetable oil list. Moderate bookings were noted in both paint and edible materials.

BABASSU.—Quoted at 6c. per pound in tankcars, f.o.b. mills, Pacific Coast, for July/September shipment. Supplies remain light.

COTTONSEED. — Japanese semi-refined oil quoted at 7.80c. per pound in tankcars, duty paid, f.o.b. San Francisco for shipment out of spot stocks.

RAPESEED.—Refined oil quoted at 6¼c. per pound in tankcars, f.o.b. Pacific Coast ports for shipment from the Orient.

TEASEED.—Quoted at 7½c. per pound in tankcars, f.o.b. Pacific Coast ports, with demand reported active. The market is strong.

Chicago, July 1.—Tone of the vegetable oil markets in general is tending along somewhat firmer lines.

COCONUT.—Coast basis, tanks, June-forward, 3⅛c. to 3¼c. per pound. Refined, edible oil, 9c. to 9¼c. per pound, barrels, car lots; and 9½c. to 9¾c., barrels, less than car lots.

CORN.—Crude, low acid, 7¼c. to 7½c. per pound, partly nominal. Refined, edible oil, 9½c. to 10c., barrels, car lots; and 10c. to 10½c., barrels, less than car lots.

SOYBEAN.—Crude, mills, 5⅝c. to 5¾c. per pound.

The market for soybeans on the Chicago Board of Trade was quieter during the past week. Traders were inclined as a rule to do little more than look on, pending further developments in the grain markets. There was also a disposition among some to hold off for news in regard to the new crop. Cash transactions were limited to unimportant quantities. Offerings were generally light, however, and the market appeared to have a steadier undertone. Receipts here for the

Current prices on animal, vegetable, and fish oils (under Oil), fats, and greases (under Grease) are given in the alphabetical list of prices beginning on page 7

• OILS •
CHINA WOOD OIL
PERILLA OIL
SARDINE OIL
SPOT FUTURE
L. N. JACKSON & CO., Inc.
29 Broadway New York, N.Y.

STEARIC ACID
Single Pressed and Double Pressed
Now available in either cake or flake form
Triple Pressed
IVORY BRAND

Highest Quality
Saponified
RED OIL
Highest quality oil made for lubricating wool and for Textile Soaps.
STEARIC ACID
Single, Double and Triple Pressed—Cakes, Powdered and Flakes
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EMERY INDUSTRIES, Inc.
Formerly THE EMERY CANDLE CO.
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RED OIL
(OLEIC ACID)
RUBY OLEINE BRAND *{distilled}*
STAR BRAND *{saponified}*
CANARY BRAND
{very pale yellow, especially suitable for best types of dry cleaners' soaps.}
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MAIN OFFICES
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Branches and stocks in all large cities

A. GROSS & CO.
We Specialize in WHITE OLEINE
Since 1837 Manufacturers of Saponified and Distilled
FLAKE STEARIC ACID STEARIC ACID RED OIL
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Sales Office: 122 East 42nd Street New York
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41 East 42nd Street New York
RED OIL STEARIC ACID
Saponified - Distilled
HYDROGENATED FATTY ACIDS (HYDREX)
FATTY ACIDS
Cottonseed Oil Coconut Oil Palm Oil
Corn Oil Lauric Specialty
Glycerine - Pitch - White Oleine
FACTORIES: Dover, Ohio - Los Angeles, Calif. - Toronto, Canada
CALIFORNIA OFFICE: 5636 East 61st Street Los Angeles
Cable Address "EPILOGUE"

DEPENDABLE FATTY ACIDS
Woburn Fatty Acids are the logical result of high-grade raw materials, modern equipment, strict factory control and constant research.
DISTOLINE (vegetable oleic acid)
OLIVINE (olive oil replacement)
COTTONSEED OIL FATTY ACIDS
COCOANUT OIL FATTY ACIDS
ISOLINE FATTY ACIDS
ISOLINE DRYING OIL
LINSEED OIL FATTY ACIDS
PALM OIL FATTY ACIDS
SOYBEAN OIL FATTY ACIDS
CASTOR OIL FATTY ACIDS
"The Most Suitable Acid for Any Purpose"
WOBURN DEGREASING COMPANY OF N. J.
Chemical Division
HARRISON, NEW JERSEY

week ended June 25 were 174,000 bushels against 69,000 bushels in the same week last year. Following is a price record, per bushel, for the week:—

	High.	Low.	Closing July 1.	Closing June 24.
Cash, No. 3..	$0.91¼	$0.88½	...	$0.87
July	.88¾	.86½	$0.90½	.85¼
October	.84½	.82⅞	.85½	.82¼
December ...	.84½	.81¾	.85¼	.81⅝

London, June 16.—Soybean oil, crude, 23s. 6d. per cwt.; rapeseed, crude, 31s. 3d.; palm kernel, refined, English, 24s. 3d.; peanut, Bombay, 21s. 6d.; sardine, Japanese, 15s. 6d.; whale, crude, Rotterdam, 14s.

Linseed Oil

Changes in domestic and foreign flaxseed prices were generally moderate. Linseed oil steady. Cake and meal firmer.

Flaxseed—DULUTH, July 1.—The flaxseed market is quiet, but traders are sharply and anxiously watching news from the country as to the development and condition of the crop. Early news indicates a favorable trend. In the southern section of the flax region the crop is up ten to twelve inches and looks good, it is reported, and an elevator company estimates the crop, judging from present conditions, at nine bushels to the acre.

The week's closing range was as follows:—

	Cash.	July.	Sept.
Saturday	$1.77½	$1.77½	$1.77½
Monday	1.77½	1.77½	1.77½
Tuesday	1.78	1.78	1.78
Wednesday	1.78	1.78	1.78
Thursday	1.78	1.78	1.78
Friday	1.78	1.78	1.78

Crop movement in bushels follows:—

	Receipts 1938.	Receipts 1937.	Shipments 1938.	Shipments 1937.
This week..	1,431	6,381	3,631	284,727
Since Aug. 1...	935,522	964,606	1,214,731	2,092,881

MINNEAPOLIS, July 1.—Demand for cash flax was stronger during the past week and premiums over futures held firm to strong. Two of the crushers were after medium choice to fancy seed through the week and today a cash house buyer came into the market. Receipts were fair and readily absorbed from day to day. Less desirable quality went to elevator operators for July delivery. Most of the cars arriving held light loads. Average quality was fair because of the clean-up of interior elevator stocks in territory that produced better quality. So far the stock of flax delivered on May contracts has not been moved out of storage by the owners. Shipping sales to out of town crushers were very light to nil and shipments were nil. An out of town crusher is down and out because of a strike and nothing was moved to Chicago or other points on the lakes. Farm offerings at present are very light. The week's closing price range was as follows:—

	Cash.	July.	Sept.
Saturday	$1.83½	$1.79½	$1.80
Monday	1.84	1.80	1.80
Tuesday	1.83½	1.79½	1.80
Wednesday	1.83½	1.79½	1.79½
Thursday	1.84	1.80	1.80
Friday	1.83½	1.79½	1.80

Crop movement in bushels as follows:—

	Receipts 1938.	Receipts 1937.	Shipments 1938.	Shipments 1937.
This week..	34,300	109,980	....	9,860
Since Sept. 1...	3,867,230	4,557,250	840,610	454,670

WINNIPEG, July 1.—The flaxseed market remained quiet. The week's closing price range was as follows:—

	Cash.	July.	Oct.
Saturday	$1.50	$1.50	$1.51
Monday	1.47	1.47	1.47¾
Tuesday	1.46¾	1.46¾	1.48
Wednesday	1.48¾	1.46¾	1.48
Thursday	1.46	1.46	1.47
*Friday	...	...	...

* Holiday.

BUENOS AIRES, July 1.—Opening prices per bushel on July contracts were:—

	Last week.	Last year.
Saturday	$1.24½	$1.31⅝
Monday	1.24⅛	1.30½
Tuesday	1.23⅞	*
Wednesday	*	*
Thursday	1.24¼	1.33½
Friday	1.24¼	1.34⅜

* Holiday.

Exports

To—	Bushels Last week.	Previous week.	Last year.
United States.....	142,000	555,000	248,000
United Kingdom..	4,000	.....	.....
Continent	496,000	374,000	362,000
Orders	130,000	16,000	98,000
Others	4,000	47,000	39,000
Totals	776,000	992,000	747,000

Since January 1

To—	Bushels This year.	Last year.
United States.....	6,188,000	17,043,000
United Kingdom.....	1,082,000	472,000
Continent	14,196,000	11,862,000
Orders	5,720,000	12,179,000
Others	1,242,000	3,343,000
Totals	28,428,000	44,899,000

Visible Supply

	Bushels.
Last week.....	6,693,000
Previous week.....	6,300,000
Last year.....	6,693,000

INDIA.—Exports of flaxseed from India last week were as follows:—

To—	Bushels Last week.	Previous week.	Last year.
United Kingdom..	40,000	184,000	128,000
Continent	4,000	.....	8,000
Others	.....	.....	.....
Totals	44,000	184,000	136,000

Since April 1—	Bushels This year.	Last year.
United Kingdom.....	3,188,000	2,356,000
Continent	112,000	116,000
Others	60,000	92,000
Totals	3,360,000	2,564,000

HULL, July 1.—Quotations on flaxseed were:—

	Per ton La Plata.	Per ton Bombay.
Saturday	£11¾	£13⅛
Monday	11¾	13⅛
Tuesday	11¾	13⅛
Wednesday	11⅝	13
Thursday	11⅝	13
Friday	11⅝	13

Linseed Oil.—Quiet conditions prevailed in the local market, but the tone was steady in the absence of any marked change in the flaxseed situation, and quotations on oil were generally held at the levels ruling in the previous week. There was a fair movement into consuming channels on contracts previously placed, but new business was along very narrow lines and, according to some in the trade, no broadening of demand is likely to be witnessed until the official July government report on the flaxseed area in this country appears.

Northwestern advices reported an improvement in demand for cash seed, and offerings were readily absorbed. The country movement was lighter, stocks in the hands of growers having been cleaned up. There was little change in the character of crop news, the outlook generally being described as very favorable aside from the menace of grasshopper damage.

Crop accounts from India and Argentina were favorable. Exports from the latter country to the United States last week were 142,000 bushels, making a total since January 1 of 6,188,000 bushels, or about 10,900,000 bushels less than in the same time last year.

MINNEAPOLIS, July 1.—Demand for linseed oil is improving slowly but very few important lots are being traded in. Business for forward delivery does not run beyond September 1 as a rule. Currently there is very little re-sale oil offered and the tone of the market is better than for some time past. Shipping instructions still are fair to good and stocks of oil on hand are decreasing steadily. Crushers are operating only 10 percent of capacity and expect to be able to get along without any additional rolls until the new crop begins to move.

Quotations on carload lots, f.o.b. Minneapolis, tankcar lots, 8.2c. per pound; cooperage car lots, 8.8c. per pound; warehouse lots, 9.2c. per pound.

Shipments of oil in pounds were as follows:—

	1938.	1937.
This week.....	2,029,297	1,542,802
Since Sept. 1.....	54,668,662	63,047,534

SAN FRANCISCO, June 28.—Linseed oil is very firm and a certain amount of interest is present. During the previous week considerable business was understood to have been booked. Quoted:—Tankcars, 8.3c. per pound; drum car lots, ex mill, 8.9c.; drum lots, ex warehouse, 9.3c.

CHICAGO, July 1.—Linseed oil is quiet. Ruling prices are:—Tankcar, 8.2c. per pound; car lots, 8.8c.; less than car lots, 9.2c.

LONDON, July 1.—Quotations on linseed oil were:—

	Per cwt. s.	d.
Saturday	23	9
Monday	23	7½
Tuesday	23	6
Wednesday	22	9
Thursday	23	3
Friday	23	3

Cake and Meal.—The market had a firmer tone. Export inquiries were received more numerously and quotations were advanced 25c. per ton by some sellers. Meal was advanced $1.50 per ton and the market was firm at the rise though quiet.

MINNEAPOLIS, July 1.—Demand for linseed meal is good as compared with output and the undertone of the market is stiff. Crushers could sell more meal if they had it or were making it.

Quotations on carload lots, f.o.b. Minneapolis, 100-pound sacks, $41 to $41.50 per ton.

Shipments of meal in pounds were as follows:—

	1938.	1937.
This week.....	1,486,595	1,652,300
Since Sept. 1.....114,035,600		95,059,375

CHICAGO, July 1.—After some easing a month or so ago, linseed meal has steadied and prices are now being maintained. Ruling prices are:—Round lots, $41.50, per ton, largely nominal; car lots, $41.50 to $42; less than car lots, $43 to $43.50.

Cottonseed Oil

Changes in local refined oil futures were moderate. Trading was fairly active. Southern markets steady.

Cottonseed Oil. — Trading in refined oil futures in the local market was on a fair scale last week though there was little snap to the dealings, few operators being inclined to engage extensively in fresh ventures on the eve of the triple week-end holiday. Changes in quotations were moderate. On the whole, the undertone of the market appeared to be steady or firm. At times the trend of prices was towards a somewhat higher level, the tone being strengthened by developments in the markets for securities and other commodities. Lard and cotton displayed firmness at times although the movement of these commodities was not very decisive. Various oils and fats were firm. Refiners, commission houses and shorts were buyers. On advances, however, there was scattered selling for both sides of the account.

A development of more or less interest was the publication on Wednesday of the Spring government pig report. It had little effect although it pointed to a rather sharp upswing in hog production during the current season. The Spring crop was estimated at 13 percent more than in 1937 and the number of sows to farrow in the fall of 1938 is indicated as 9 percent larger than in the fall of 1937.

Southern markets for crude cottonseed oil were generally firm. Sales were reported in the Southeast and the Valley at 7c. Stocks in the hands of producers were said to be small. Lard compound was advanced ¼c. There was a fair movement of lard on export account. Exports from Atlantic and Gulf ports to foreign destinations from November 1 last to June 25 were 111,922,907 pounds, or 39,142,145 pounds more than in the same time last season. Receipts of hogs at the principal western centers for four days of last week were 176,300 head against 154,100 head in the same time last year. The weight of the hogs received in Chicago during the week ended June 25 averaged 276 pounds, against 271 pounds in the previous week, 269 pounds in the week before that, 260 pounds in the week ended June 4, and 257 pounds in the week ended May 25.

Weather and crop reports from the cotton belt were rather more favorable than in the previous week although excessive rains continued to be complained of in some sections. The frequent precipitation was said to have increased weevil activity and this

Current prices on animal, vegetable, and fish oils (under Oil), fats, and greases (under Grease) are given in the alphabetical list of prices beginning on page 7

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WAH CHANG TRADING CORPORATION
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COTTON SEED MEAL, CAKE, HULLS, HULL BRAN, CRUDE AND REFINED COTTON SEED OIL, PEANUT AND SOYA BEAN PRODUCTS
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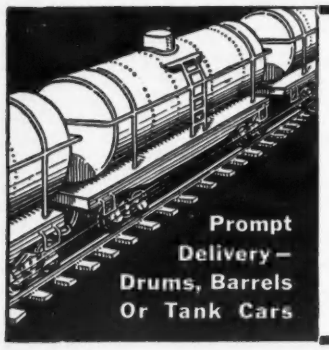
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seemed to be regarded as the worst feature of the crop situation.

Trading in bleachable prime Summer yellow cottonseed oil futures on the New York Produce Exchange from June 25 to July 1, inclusive, comprised 702 contracts, a total of 42,120,000 pounds. Following is a price record for the week:—

	Cents per pound in tanks		
	High.	Low.	Close.
January	8.29	8.16	8.25 sale
July	8.27	8.11	8.26@8.28
September	8.29	8.12	8.24@8.27
October	8.28	8.12	8.24@8.27
December	8.29	8.15	8.24 sale

Crude, Southeast, 7.00c. nom.

Hull, July 1.—Quotations on cottonseed oil were:—

	Refined. Per cwt.		Egyptian crude. Per cwt.	
	s.	d.	s.	d.
Saturday	21	6	18	6
Monday	21	6	18	6
Tuesday	21	6	18	6
Wednesday	21	6	18	6
Thursday	21	6	18	6
Friday	21	6	18	6

Cake and Meal. — A steady tone prevailed in Southern markets. There were reports of a fair movement in some sections. Offerings were generally light.

Markets at Other Centers

Memphis, July 1.—Crude cottonseed oil firm. Sales this week at 7c. Valley basis. Mill stocks greatly reduced and offerings light. Meal steady with some improvement in domestic demand. Prime 41 percent meal $22.25 per ton, Memphis. Slab cake, 41 percent, $19.50 per ton, prompt shipment from Valley points. Cool weather persists over a wide area in this section. Cotton crop is spotted and the plant is much smaller than usual for this time of the year. Planters report a heavy boll weevil emergence.

Closing cottonseed meal quotations on the Memphis exchange were as follows:—

	June 23.	June 30.
July	$22.00@——	$22.10@22.25
August	22.20@22.50	22.40@——
September	22.75@23.00	22.75@23.00
October	23.10@23.25	23.20@23.45

Atlanta, June 30. — Summer dullness characterises the cottonseed products market in the Southeast. There is now concern about the condition of the cotton crop. Too much rain has brought about a weedy condition of the fields and reports of state and federal agencies indicate a rapid increase in boll weevil.

Prime crude oil is offered at 7c. per pound and slightly above.

Cottonseed meal, 7 percent, quoted at interior mills at $23 to $23.50 per ton.

Fatty Acids

Capric Acid. — The market retained a steady tone. There was no disposition on the part of buyers to anticipate but a fair inquiry was noted and the movement into consuming channels was apparently no smaller than in recent preceding weeks.

Castor Oil.—Quotations on this fatty acid were generally maintained at previous levels in the absence of any change in the position of basic material. There was a fair inquiry but makers of synthetic resins and cosmetics were not inclined to purchase ahead.

Coconut Oil. — The market remained firm as the trend of basic material was still upward. There was a fair movement into consuming channels in the soap, cosmetic and rubber industries.

Linseed Oil. — Consumption in some fields is said to have increased recently but new business was quiet last week. The market remained steady on the basis of previous quotations.

Red Oil. — The market appeared to have a firmer undertone although quotations were still more or less nominal. There were reports of a somewhat better inquiry from makers of soaps and textile compounds.

Stearic Acid. — A further advance in tallow was reflected in a firmer tone in the market for stearic acid. Quotations, however, appeared to be more or less nominal. There were reports of some increase in the volume of inquiries received. Importations during May were 16,471 pounds.

Markets at Other Centers

Chicago, July 1.—Based on generally better feeling in the allied markets, tone in the fatty acids market is firmer and activity is reported somewhat brisker.

FATTY ACIDS.—Corn oil, double distilled, 7¾c. to 8c. per pound, tankcar; 8¼c. to 8½c., barrels, car lots; 8¾c. to 9c., barrels, less than car lots; coconut oil, acidulated, 8¼c. to 8½c. per pound, tankcar, mostly nominal; 8¾c., to 9c., barrels, car lots; 9¼c. to 9½c., barrels, less than car lots; cottonseed oil, double distilled, 7¼c. to 7½c. per pound, tankcar; 8c. to 8¼c., barrels, car lots; 8½c. to 8¾c., barrels, less than car lots; settled cottonseed soap stock, 60-62 percent basis, 2⅞c. to 3c.; boiled down soap stock, 65 percent basis, 3⅞c. to 4c.; cottonseed foots, 50 percent basis, 1¼c. to 1⅜c.

STEARIC ACID.—Distilled, single press, 10½c. to 11½c. per pound; double press, 11c. to 12c.; triple press, 13¾c. to 14¾c.; saponified, ¼c. higher.

Fish Oils

Menhaden. — Quotations on refined oil were again revised downward, the drum price being lowered 2-10c. per pound. The tone of the market appeared to be steady at the reduced level. There was apparently no broadening of trade, but reports continued to be heard of some improvement in demand for moderate quantities to fill the current needs of local and other consumers. Crude oil was quiet and nominal.

Sardine.—There was a further downward revision of quotations on refined oil, prices for drums being reduced 2 points. A fair inquiry for small or moderate quantities was noted, the movement of such lots showing some increase for the week. Crude oil was quiet.

Whale. — The market for refined oil was easier, quotations being reduced 2 points. There was a fair inquiry though consumers showed little disposition to purchase ahead to any important extent.

Markets at Other Centers

San Francisco, June 28.—Partial settlement of the long deadlock in Alaska herring fishing operations has just been made, according to telegraphic reports from Seattle today, which said that an agreement had been reached between a portion of the factories and some of the fishermen. Indications were to the effect that approximately fifty percent of the industry would be at work and that the operations would probably start about July 10, just 40 days after the opening of the season on June 1. The advices were such as to indicate that the balance of the industry would not open this season on Alaska herring. The fishermen were said to have conceded a rate reduction this season over the last and although not working on a tonnage basis in Alaskan waters, the reduction could be interpreted roughly as in the neighborhood of $2.50.

Further offerings on Washington state oil were noted on the basis of 28c. per gallon, although operators had not reached any agreement over the labor situation. Some oil is said to have been sold on that basis, as well as additional quantities at a figure of 27½c. Sales of Alaska herring oil will probably be current shortly also, now that the picture is more clearly defined in that territory.

In California, the Fish & Game Commission has already provided permits for some 65 reduction plants to operate on after the season opens August 1. The permits have been sharply lowered in quantity over previous seasons. The plants have been placed in three classifications. Those plants which have an hourly working capacity of 20 tons or less are being awarded permits for 5,000 tons of raw fish for the season. The majority, or about 52, fall into this classification, known as Class 1. Class 2 plants, from 21 to 40 tons hourly, will get permits for 7,500 tons for the season, while Class 3 plants, 41 tons or over, will be allowed to receive 10,000 tons. On this basis approximately 365,000 tons will be sanctioned for shore plants for reduction purposes, while last season the state made an allowance of 765,000 tons. The joker in the picture however, is the fact that the shore plants were able to get only a total of 183,856 tons for reduction last season because of scarcity of fish. The floaters took about 74,334 tons. The total decrease in catch last season over the previous one was 42 percent and the reduction in oil yield was about 49 percent.

In California, open reduction permits supplement the production of oil made as a result of by-product cannery operations and any cannery has an open license to pack as much fish at it wishes, provided the result is 13½ cases of edible sardines out of each ton of raw fish.

Baltimore, June 29.—The market for menhaden oil during the last week was again bare of transactions as far as can be learned, with neither side disposed to quote figures, but with the ideas of the producers around 27c. or higher. Whether this price will be generally held of whether the quotations will be advanced depends much upon the results of the fishing down the Chesapeake Bay and other market influences. If the hauls prove of good proportion the fishing companies may be inclined to let some oil out at that price. But with competing materials tending to advance, oil may also be marked up. For the present the fishing companies are fairly well booked up with contracts at a time when the operations of the fishing steamers are just about getting well under way.

Fats and Greases

Grease. — The market was firmer, the tone being strengthened by a further advance in tallow, with sales of the latter product noted at a rise of ¼c. Grease quotations were also ¼c. higher. There was a fair demand.

Lard.—Cash quotations showed moderate changes, fluctuations being in company with developments in the Chicago market for futures. There was a fair movement on export orders, the shipments being mainly to English ports. Domestic trade was quiet. The government Spring pig report, issued last week, estimated the crop this year at 13 percent more than last year.

Stearin. — Offerings were light and the market retained a firm tone. There was a fair demand.

Tallow. — The local spot situation was stronger with the inquiry more active. Sales were reported early in the week at 5⅛c. per pound for extra f.o.b., showing a further advance of ¼c. Offerings were light on the rise. The tone of outside markets was also reported as firmer.

Trading in tallow futures on the New York Produce Exchange from June 25 to July 1, inclusive, comprised 43 contracts, a total of 2,580,000 pounds. Following is a price record for the week:—

	Cents per pound in tanks		
	High.	Low.	Close.
July	5.40	5.40	5.50@5.70
September	5.75	5.55	5.68@5.80
October	5.85	5.65	5.76@5.86

Markets at Other Centers

Chicago, July 1.—The cash lard market is beginning to show considerable firmness, and buyers are keeping more closely in touch with it. Shipping trade has been of moderate extent for some time.

The range of lard quotations from the opening Saturday, June 25, to the close Friday, July 1, is shown in the following table:—

	Per 100 pounds				
	Open.	High.	Low.	Close.	Previous Friday.
Cash	$8.72	$8.72	$8.55	$8.65	$8.65
July	8.60	8.70	8.47	8.60	8.60
October	8.95	8.97	8.75	8.92	8.90

TALLOWS (tierces).—Edible, 6c. to 6⅛c. per pound; prime, 5½c. to 5¾c.; fancy, 5¾c. to 6c.; special, 5⅛c. to 5⅜c.; No. 1, 5c. to 5⅛c.

GREASES (tierces).—Choice white, 5⅜c. to 5½c. per pound; A white, 5c. to 5¼c.; B white, 4⅞c. to 5c.; yellow, 10-16, 4⅞c. to 5c.; yellow, 16-20, 4½c. to 4¾c.; brown, 4¼c. to 4½c.

STEARINS (barrels).—Prime oleo, 6½c. to 6¾c. per pound; lard, packages, 9c. to 9¼c.; A white grease, 4¾c. to 5c.; yellow grease, 4¼c. to 4⅜c.; extra oleo stocks, 8c. to 8¼c.; No. 2 stocks, 7¾c. to 8c.

Liverpool, July 1.—Quotations per cwt. on refined American lard were as follows:—

	Spot.		July.		Sept.		Oct.	
	s.	d.	s.	d.	s.	d.	s.	d.
Saturday	48	0	43	6	45	0	45	6
Monday	48	0	43	6	45	0	45	6
Tuesday	48	0	43	0	44	6	45	0
Wednesday	47	6	42	6	43	9	44	6
Thursday	47	0	42	6	43	6	44	6
Friday	47	0	42	6	43	9	44	6

Liverpool, July 1.—Quotations per cwt. on tallow were as follows:—

	Choice.		Fine, good mixed.	
	s.	d.	s.	d.
Saturday	20	6	17	6
Monday	20	6	17	6
Tuesday	20	6	17	6
Wednesday	20	6	17	6
Thursday	20	6	17	6
Friday	20	6	17	6

Animal Oils

Lard. — The market was firmer, quotations being advanced ¼c. to ½c. per pound by producers. There were reports of a somewhat better inquiry though consumers were still generally disinclined to purchase in advance of current needs.

Neatsfoot. — Cold test, 20 degrees, was reduced ¾c. per pound, but quotations on other grades were advanced ¼c. to ⅝c. There was a fair movement of small or moderate quantities to local and other consumers.

Oleo.—A firmer tone developed with some increase noted in demand though consumers were not inclined to anticipate to any important extent. Quotations were ½c. per pound higher.

Tallow.—Quotations were raised ¼c. per pound, the firmer tone being due to recent developments in basic material.

Markets at Other Centers

Chicago, July 1.—Animal oils are in good tone and in most cases are ruling at fractionally higher prices.

LARD.—No. 1, 8¼c. to 8½c. per pound.

OLEO.—No. 2, 8c. to 8½c. per pound.

TALLOW—Acidless, 7¼c. to 7½c. per pound, tanks; and 8¼c. to 8½c., drums.

—Continued on page 56

B. P. Ferriday, for many years manager for the Refuge Cotton Oil Company, Columbus, Miss., has retired because of ill health.

Current prices on animal, vegetable, and fish oils (under Oil), fats, and greases (under Grease) are given in the alphabetical list of prices beginning on page 7

Ligro Indusoil Ligro Indusoil Ligro Indusoil Ligro Indusoil Ligro Indusoil Ligro Indusoil Ligro Indusoil Ligro Indusoil Ligro Indusoil Ligro Indusoil Ligro Indusoil Ligro Indusoil

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INDUSOIL

Excellent as a blend with red oil for textile soaps. Can be used with red oil for other applications, including cutting oils, drawing compounds, soluble oils, pine scrubs, etc.
A blend of refined fatty acids with the following standard specifications as of May 16, 1938:

Acid Number		Rosin Acids (Calculated)	34-38%
Saponification Number	170-180	Sterols (Calculated)	6-10%
Rosin Number	170-185	Specific Gravity at 60°F.	.96 to .98
Moisture Less Than	60-67	Viscosity (Saybolt Univ.)—	
Ash Less Than	.1%	at 100°F	300-400 sec.
Color Not More Than	.1%	at 210°F	50-70 sec.
Color Not More Than	70 Yellow	Flash Point	350-380°F
Using Lovibond Colorimeter Half Column	40 Red	Fire Point	410-430°F
Fatty Acids (Calculated)	55-60%	Other specifications special and must be indicated on order.	

LIQRO

A blend of crude pine fatty acids with the following specifications:

Acid Number	150-160	Fatty Acids	45 to 55%
Rosin Acid Number	76-82	Sterols	6 to 10%
		Rosin Acids	40 to 45%

Liqro is available in large quantities both from our Covington, Va., mill and our new mill at Charleston, S. C.
Indicated uses are for asphalt emulsions, cutting oils, low-priced soaps, and many other applications where a low-price fat is a requirement.
Present prices on contract F.O.B. Charleston, S. C.:
Tank Cars $35.00 per ton
Carloads, in drums $45.00 per ton

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Drugs, Fine Chemicals

Tartaric Acid and Cream of Tartar Advanced—New Schedules on Boric Acid and Borax Effective—Acetophenetidin Down —Refined Glycerin Easy—Quicksilver Steady

Considerable price activity in the drug and fine chemical market raised it out of the doldrums that, at times, had virtually engulfed the market during the past several months. The higher schedules on boric acid and borax became effective July 1. Higher quotations on tartaric acid and cream of tartar emphasized the strong position of Seidlitz mixture and Rochelle salt. The last two named failed to reflect the rising cost of production but they also tended upward. Acetophenetidin, colchicine, potash glycerophosphate, potash hydroxide sticks, and soda hydroxide sticks were all reduced in price. The balance of the market remained very firm.

Higher quotations on boric acid and borax merely covered the present higher freight costs and included a better margin for the buyers for distribution. So far as the producers were concerned, the rise meant no more money for them. In fact, it was asserted that not all of the higher delivery cost has been passed on to buyers.

Strength in crude tartar derivatives had been noteworthy for a long time and the rising market on tartaric acid and cream of tartar was merely in line with a price trend prevalent in recent weeks. Rochelle salt and Seidlitz mixture were advanced in the not far distant past and although unchanged last week, a rise would not be unexpected.

Lowering of prices on acetophenetidin came somewhat as a surprise after an exceptionally long period of price stability but some quarters seemed to be long on the market. Colchicine, potash glycerophosphate and potash, as well as soda hydroxide U.S.P. sticks merely reflected present cost and market conditions.

Acetophenetidin. — Quotations were reduced 30c. per pound, making the quantity $1 per pound with the usual advances prevailing on smaller lots. While some suppliers were said to be low on stocks, one important direction reported a large supply to be available at the lower price level. The base price was $1 per pound in 1,000 pound lots.

Acid, Boric.—Prices on the technical grade were advanced $1 per ton on car lot quantities, and $3 per ton on less than car lot business. Minimum quotations on granular were $106 per ton on contract for 80 tons, delivered basis; car lot quantities, $111; powder, 80 ton contracts, $111; car lots, $116. These prices ruled on goods in barrels. The usual advance prevailed on goods packed in sacks. U.S.P. quality acid was $25 per ton higher than the technical variety.

Acid, Citric.—Although the stimulation which warm weather recently gave consumption of this article was still present, though possibly to lesser degree, the market retained its recent position—which was one distinctly favorable so far as prices were concerned.

Acid, Tartaric.—Prices were advanced 1c. per pound, being full evidence of the strength currently reported on spot in recent weeks as the result of the situation in raw material. The new base price was 27¾c. per pound for crystals, granular, or powdered goods in barrels. The lowest price, prevailing on 10,000 pound lots, one delivery, was 27¼c.

Agar.—A market of quiet and subdued undertones prevailed on spot. Demand was not very active but it was still about level with the recent call which readily supplied immediate needs of buyers. Prices were fairly steady.

Alcohol.—Prices on pure alcohol were advanced on July 1, establishing the market prices for alcohol of 190 proof at $4.51½ per gallon in tankcar lots. This was a rise of 47½c. per gallon and affected the entire schedule. Pure alcohol of 200 proof was up 50c. per gallon, making the drum car lot price $4.90 per gallon. Industrial alcohol was offered on contract over the balance of the year at the same prices that made the market during the second quarter. A fair amount of business was done.

Aloe.—A strong market prevailed and seemed likely to rule for some time to come. As yet, no new crop Curacao gum has been offered in substantial quantities from the source and price views prevailing in the primary market were uniformly strong.

Aloin.—Unrelinquishing strength of price was the rule and all transactions were put through at values as quoted on the open market. Demand was reported to have been very good at all times during the period under review and not all sellers are accepting orders at the minimum of quoted prices.

Antipyrene.—A well stabilized request reached the spot in volume about normal for the article at this time of the year. Undertones continued to be firm and values were fully maintained in all directions.

Bismuth Metal and Salts.—An unchanged, and certainly little improved, market was reported on spot last week. Prices on salts were low and attractive. Those prevailing on metal were very firm at the recent advance.

Borax.—Prices on technical and U.S.P. borax were advanced July 1, car lot quantities rising $1 per ton, and less than car lots going up $3. The basic price for granular technical in barrels, 80 tons on contract, was $53 per ton; less than car lots, $64 to $69; powder, 80 ton contract, $58 in barrels; less than car lots, $69 to $74; Sacks were at the usual lower differential. The U.S.P. prices were $15 per ton over the schedule on technical. Full schedule of prices will be found in the Prices Current section.

Castor Oil.—A virtually unchanged market was reported. Demand may have broadened slightly but at the best improvement was conservative. Price-wise, the market seemed to be very steady.

CHICAGO, June 30.—With castor oil orders reported holding up rather well, the tone is steady. Most orders are for limited quantities for early shipment. Ruling prices are:—No. 1, barrels, car lots, 10⅛c. per pound; barrels, less than car lots, 10⅞c.; returnable drums, car lots, 9⅞c.; less than car lots, 10⅝c.; tanks, 9⅜c.; No. 3, barrels, car lots, 9⅝c.; barrels, less than car lots, 10⅜c.; returnable drums, car lots,

Chloroform.—Fair request was reported but most orders were of relative small size and larger requirements were being held in abeyance notwithstanding the fact that price stability was no less a featured part of the market than it had been for a long time.

Codliver Oil.—Production is about at an end abroad and so far as Norwegian fisheries are concerned, the output is smaller than a year ago, but still larger than it was in 1936 and 1935. A fair amount of business was reported to have strengthened values in Norway and the spot market was at least very steady. However, a factor in future developments is likely to be the presence of substantial stocks in the hands of buy-

Price Changes

Prices were changed during the past week as follows:—

Advanced

Alcohol, ethyl, 190 proof, 47½c. per gal.
200 proof, 50c. per gal.
Acid, boric, car lots, $1 per ton.
less car lots, $3 per ton.
Borax, car lots, $1 per ton.
less car lots, $3 per ton.
Acid, tartaric, 1c. per lb.
Cream of tartar, 1c. per lb.

Reduced

Acetophenetidin, 30c. per lb.
Colchicine, $5 per oz.
Potash glycerophosphate, 75% solut., 10c. per lb.
Potash hydroxide sticks, 2½c. per lb.
Soda hydroxide sticks, 2½c. per lb.

Comparative Values

Index numbers compiled from thirty-five typical drugs and fine chemicals on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
181.7	181.6	181.4	181.6

Market news that may have developed after this report was sent to press will be found on page 4.

Current prices on drugs and fine chemicals are given in the alphabetical list of prices beginning on page 7

ers in this country. May imports by contries were as follows:—

	Gallons.
Denmark	1,600
Iceland	259,278
Norway	80,097
United Kingdom	23,163
Canada	6,918
Newfoundland and Labrador	1,091
Japan	32,760
Total	404,907

BERGEN, June 13.—Market report No. 16.—During the past week 1,600,000 kilos of codfish were caught and 388 hectoliters crude oil were produced. The corresponding figures for 1937 were 1,300,000 kilos, and 156 hectoliters. The total catch and production of the last five years are as follows:—

	Fish. Kilos.	Oil. Hectoliters.*
1938	162,000,000	68,924
1937	156,600,000	75,914
1936	133,500,000	63,413
1935	114,900,000	67,400
1934	141,000,000	85,152

* To convert into barrels multiply by .88.

The fishing in the Finmarken district is now drawing to a close, and many boats have already left the fishing grounds because of the poor result during the past few weeks. The market is very firm and the producers are holding out for higher prices. The demand from abroad has been very satisfactory, and it is generally believed that higher prices will be established later in the year.

Colchicine.—After an extended period of price stability, quotations were reduced to the basis of $20 to $21 per ounce according to quantity. Demand had been light enough to encourage greater competition locally.

Cream of Tartar. — Prices were advanced 1c. per pound, making the basic price 23¼c. per pound for powder or granular material in barrels. In quantities of 5,000 pounds one delivery, 22¾c. was quoted. Keg packing was ½c. higher than barrels. This was in line with the rising cost of production.

Glycerin.—No further change in the general situation was reported. Crude remained firmly maintained in price, but refined material had an easy undertone on the basis of the lower quotations set up during the previous trading period. It seemed likely that unsettlement would continue for as long as consumers here are able to buy Japanese refined at far below the cost to produce glycerin in this country.

CHICAGO, June 30.—Orders are reported reaching fairly good totals in the glycerin market. C. p. material is bought mostly in limited quantities. Other grades of glycerin are quiet, without any special feature. Ruling prices are:—C.p., drums, 14¼c. per pound; less than car lots, 14¾c.; cans, 16¼c. to 18¼c., according to quantity; dynamite, drums, car lots, 12¾c.

Menthol. — Improvement in demand was lacking on spot but quotations were maintained because of the prevailing cost of replacement and the indisposition of large holders on spot to accept less than that cost. Some fairly large blocks were held locally.

Mercurials.—Steady prices prevailed and because of the well held prices on raw material, mercurials lacked a basis that would make the market truly competitive. However, soft mercurials do not yet reflect the higher cost of mercury at this time.

Methanol.—Official schedules lacked quotable change, seemed to be reasonably steady, but were backed by a consuming demand which was fairly conservative. However, it compared well with that in recent weeks. Production of synthetic material in May was less than in April and reached the lowest figure thus far this year. Crude natural methanol output gained in May. Total production from January through May was below that for the corresponding period a year ago. Monthly statistics on production of crude and synthetic methanol, representing almost the entire output of these commodities in the United States, have been released by Director William L. Austin, Bureau of the Census, Department of Commerce. The data include production figures for 27 manufacturers for the months of 1938 and for 28 to 29 manufacturers in the months of 1937:—

Production

	Gallons			
	1938.		1937.	
	*Synthetic.	Crude.	*Synthetic.	Crude.
Jan.	2,896,894	458,347	1,835,815	525,070
Feb.	2,290,609	404,970	1,849,302	500,685
Mar.	2,343,828	432,800	2,071,747	546,662
Apr.	1,975,999	314,664	2,138,895	531,727
May	1,860,400	330,875	2,353,497	522,961
Totals	11,367,730	1,945,616	10,249,256	2,627,105

* The refined equivalent would be approximately 82 percent of the crude production.

Wood Carbonized

	Cords	
	1938.	1937.
January	44,844	53,813
February	39,587	50,470
March	43,281	54,164
April	31,429	52,116
May	32,873	51,118
Totals	192,458	261,621

Potash Glycerophosphate. — Quotations were slightly lower as follows:—1,000 pound lots, 90c. per pound; 100 pound lots, $1; 50 pound lots, $1.05; and 25 pound lots, $1.15. The readjustment brought the schedule into line with prevailing costs and competitive conditions.

Potash Hydroxide.—USP sticks were lower at 30½c. to 32c. per pound in 110 pound quantities and varying according to packing. The situation was in line with prevailing manufacturing costs and resulted in a steady market being established.

Quicksilver.—A virtually firm market was the rule locally, although demand for spot lots was not expanded much, if any. Stocks were usually in very firm hands. Foreign market quotations held firm, while those on the Pacific Coast were fairly well maintained because of the fact that normal increase in stocks is unlikely because of prior sales on contract for foreign account.

SAN FRANCISCO, June 28.—Quicksilver remained quiet here again last week in the face of light inquiry, and the picture underwent no change of any consequence. Sellers are quoting on the basis of $81 per flask, f.o.b. San Francisco.

Quinine.—The nation wide essay contest, carrying as a first prize a university scholarship, and for second place a fully paid trip to Amsterdam, quinine center of the world, is expected to attract a large number of third and fourth year high school pupils and result in a widened knowledge of the part quinine has played in history. The market was uneventful last week.

Rochelle Salt.—Although some tartar products were advanced, the quotations on this salt held unchanged last week though the market was declared to be exceptionally firm in all respects and the tendency, if any, was upward.

Seidlitz Mixture.—Prices tended upward, especially in view of the fact that tartaric acid and cream of tartar were advanced in value at midweek.

Silver Nitrate.—The schedule of prices since the last report prevailed as follows, covering quantities of 500 ounces, small lots from 1c. to 2c. more per ounce, and quantities of 500 ounces are quoted at about 1c. less. Comparison of prices of bullion in New York and London is also provided.

	Per ounce		
	Nitrate.	Bullion	
	Cents.	New York. Cents.	London. Pence.
Saturday	31½	42¾	19
Monday	31½	42¾	19⅛
Tuesday	31½	42¾	19⅛
Wednesday	31½	42¾	19⅛
Thursday	31½	42¾	19⅛
Friday	31½	42¾	18⅞

Soda Hydroxide.—Bringing the market into line with present production cost and conditions generally, quotations were lowered to the basis of 20½c. to 22c. per pound, according to packing and involving 100-pound quantities.

Drug Chain Sales Dropped 11.6% in May

Average daily sales of chain drug stores in May, 1938, were 11.6 percent lower than in May, 1937, according to the Bureau of Foreign and Domestic Commerce. Fountain sales dropped 13.3 percent, and "all other" sales were off 13.2 percent from May.

The west south central region, with a 5.7 percent decrease, showed the smallest decline from May, 1937. Sales in the west northcentral States declined 17.1 percent. Changes in fountain sales ranged from 7.3 percent decrease recorded by the South Atlantic States to 18.2 percent loss in the west north central States.

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THE WORLD'S LARGEST BOTANICAL DRUG HOUSE

Flavor Makers Discuss Fair Trade

—Continued from page 5

V. Drake, of General Drug, Inc., this city, discussed vanillin from lignin. He said that the recovery processes for the new vegetable source vanillin was invented and patented by Guy C. Howard. He explained that the lignin is recovered from the pulp in the form of a highly pure calcium salt of lignin sulphonic acid.

Mr. Drake said that this lignin is recovered in a pure state, and separate from the hemi-cellulose and other carbohydrate components of the liquor, makes for a highly economical operation. He said that the manufacture of high-grade ethyl vanillin, guaiacol, catechol, and other products are under development for commercial production.

J. M. Wenneis, of Seeley & Co, New York, in an address, on "The Preparation of Some Newer Aromatic Chemicals and Their Use in Imitation Flavors," said that for many years almost all the research carried on in the field of aromatic chemicals has been directed toward better perfumes. He said that the development of imitation flavors has not received the same attention. He explained that the flavor chemist has had to work with raw materials which were very easy to prepare or which were already available, as perfume materiels.

Mr. Wenneis said that the earlier imitation flavors were mostly mixtures of simple esters or else they were flowery concoctions made with materials suitable only for perfumes.

He pointed out that a properly prepared flavor had to be one which would not fade quickly when dried on sugar, or which would not oxidize on exposure to air or polymerize on standing. This excluded all the lower and more volatile esters, most of the aldehydes and many of the unsaturated compounds. This, he explained, complicated the problems, as even most of the natural fruit flavor oils, if it were possible to isolate them economically would not meet these requirements.

Unquestionably, Mr. Weinneis said, an exhaustive research would result in imitation flavors very close to the natural flavor principles of the fruits which are impossible to duplicate today. He said that properly undertaken it is far too big for one company. It would, he said, take the cooperation of a group such as this association working together. The results, he said, would be products of superior quality and distinct contributions to the science of plant chemistry.

Oleoresin of vanilla is not a true oleoresin, which is a semi-solid extract of plant material, consisting of oily and resinous substances, John Glassford, of

E. L. Brendlinger
Re-elected Secretary

McCormick & Co., Baltimore, said, in his paper on "Oleoresin of Vanilla."

Mr. Glassford said that it is not logical that a manufacturer of oleo should be able to take vanilla beans, extract them with alcohol, concentrate the extract, either with or without loss of flavor, and sell the resulting product at a price which will permit a manufacturer of standard strength household extract to make such an extract as economically as he could from the same beans the oleoresin manufacturer used. The proper field for oleoresin is in the manufacture of concentrated vanilla flavors with or without alcohol.

Solvents for Extracts

J. G. Davidson, of the Carbide and Carbon Chemicals Corporation, New York, discussed the "Solvent Powers of Various Organic Liquids for Flavoring Materials." He said that it is probable that the most important physical property of any flavoring material is its ability to go into solution in water to, at least, a slight extent.

Dr. Davidson said that one of the most important products to the flavoring extract industry is ethyl alcohol. He explained that it is similar to water in that both substances contain an OH or hydroxyl group. The hydroxyl group is typical, he said, of alcohols in general.

Dr. Davidson added that if and when complete information on the toxicity of certain newer solvents become available, it may be possible, he added, that the flavoring extract manufacturer will have a wider variety of solvents from which to choose so that he can make a cheaper and better product.

In reporting on trade relations, Dr. Clarke E. Davis, as chairman of the committee, said the outstanding case of the year had to do with color case in New York, in which it had been decided by N. Y. Board of Health to penalize many products containing color. As a result of numerous meetings, he said the results could be summarized as follows:—

It is agreed that the restrictions on the use of certified colors are not applicable to carbonated beverages; that citrous flavored beverages may contain certified color; that citrous extracts may contain certified colors; that citrus syrups or concentrates, employed in compounding carbonated beverages may contain certified colors; that the use of certified color be designated on the label or crown; that pineapple be dropped from the classification of citrus fruits.

Captain James P. McGovern, general counsel for the Industrial Alcohol Institute, New York, in an address on "Alcohol in Interstate Commerce," said that the one great and splendid thing which emerged from the repealed national prohibition act was that the true character and value of chemical alcohol was recognized. Captain McGovern said that while alcohol had attained some recognition in the policy of denaturation, established in 1906, it was only because it was divested of its character as a beverage and rendered "unfit for liquid medicinal purposes."

Alcohol in Commerce

Captain McGovern said that it is apparent that alcohol in interstate commerce is still surrounded with difficulties and that serious legal complications and unforeseen obstacles may arise unless the integrity of this most essential and valuable chemical can be maintained. The battle must now be waged on forty-eight fronts, he said. Taxes, however burdensome and unjust, must, can and will be paid, but measures, whether by law or regulations, which impose needless restrictions on the distribution and use of alcohol for nonbeverage purposes must, can and should be stopped, he concluded.

John H. Beach, of Seeley & Co., as chairman, gave the report of the membership committee in which he said that twenty firms had been added to the roll of membership, of which ten are active and ten are associates.

John S. Hall, attorney, Chicago, in his report as executive secretary, gave a detailed account of the Federal legislation passed, as well as the laws enacted by the various States during the past year.

William Fisher, of Magnus, Mabee & Reynard, New York, as chairman of the registration committee, reported an attendance of approximately 150 members. The meeting was featured with a banquet Tuesday, the principal speaker at which was Governor Harry Nice of Maryland. The banquet was followed by dancing, the chairman of which committee was Joseph Magnus, of Magnus, Mabee & Reynard.

Robert S. Taylor, of the research division of the McCloskey Varnish Company, Philadelphia, is spending his vacation at Mount Pocono, Penna.

Botanical Drugs, Spices, and Gums

Goldenseal Lower but Price Trend Is Likely to Be Reversed—Small Collection of Cascara on Pacific Coast Reported —Serpentaria Develops Strength

While market sentiment continued to show the improvement noted in the previous week, actual sales of botanical drugs were reported to be conservative during the period under review. While orders were fairly numerous, for the most part they were small and hence the total volume of transactions was not satisfactory in the main.

Pricewise, the major movements were still in favor of buyers. Reductions in the quotations on medicinal items were fairly numerous, but such movements were in contrast with what seemed to be growing strength in serpentaria, cascara, and goldenseal—though the latter was actually lower than a week ago. The vast majority of items held free from quotable change.

Of possible effect on the production of domestic crops was the advance in wage rates paid WPA workers in Southern States. Late last Winter there appeared to be a fair prospect of more abundant labor in the collection districts. Renewal of WPA activities is slated under the Federal spending plan for recovery. This, plus the advance of pay rates to a minimum of $11 per week, it is feared, will result in a decrease in botanical drug collections by reason of field labor being diverted to WPA projects.

Entries of botanicals at the port of New York since the week of January 1, 1938, the detentions of these items by the Department of Agriculture because of the presence of matter rendering them unfit for human consumption were:—

	Bags—Detained.	Bags—Entered.
Anise	246	648
Belladonna	51	245
Caraway	784	4,838
Cardamom (cases)	25	926
Celery	...	528
Coriander	1,662	2,736
Cumin	312	1,128
Digitalis leaves (cases)	68	77
Dill	...	220
Fennel	176	304
Henbane leaves (bales)	42	107
Mustard	200	17,672
Poppy	300	20,026
Sage leaves (bales)	25	243
Sesame	769	5,636
Stramonium (bales)	516	516
Thyme (bales)	9	353

Price Changes

Prices were changed during the past week as follows:—

Advanced

Anise, Spanish, 1¾c. per lb.
Bayberry, root bark, 3c. per lb.
Lobelia seed, 5c. per lb.
Paprika, Hungarian, extra fancy, ½c. per lb.
medium, ½c. per lb.
Spanish, extra fancy, 2c. per lb.
fair, 1c. per lb.
fancy, 1½c. per lb.
medium, 3½c. per lb.
Pepper, black, Lampong, ½c. per lb.
red, chillies, Japanese, ½c .per lb.
Pimento, ½c. per lb.
Spikenard root, 1c. per lb.

Reduced

Anise, star, ¼c. per lb.
Cinchona bark, quill, long, 5c. per lb.
short, 5c. per lb.
Calamus root, bleached, 2c. per lb.
Coriander seed, Morocco, ¼c. per lb.
Elmbark, grinding, 1c. per lb.
select, 2c. per lb.
Fleaseed, French, 1c. per lb.
Goldenseal root, whole, 5c. per lb.
powdered, 5c. per lb.
Hydrangea root, 1c. per lb.
Mandrake root, 2c. per lb.
Pink root, 3c. per lb.
Papain, powdered, 5c. per lb.
Peppermint leaves, domestic, 2c. per lb.
Stillingia root, 2c. per lb.
Sumac berries, ½c. per lb.
Saffron, Mexican, 10c. per lb.

Comparative Values

Index numbers compiled from forty typical botanicals on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
122.1	122.7	124.0	129.6

Market news that may have developed after this report was sent to press will be found on page 4.

Balsams

Copaiba.—A market of somewhat narrow proportions was reported to be fairly steady as to price throughout the past week. Buying was mainly for prompt requirements and stocks to supply such needs appeared to be ample.

Fir.—Reports from the Pacific Northwest stated that receipts of new crop Oregon balsam were practically at a standstill and at this time were about 10 percent of normal. Present consumption needs are being met, but lack of normal reserves has raised the question of meeting requirements of the extended future. No carryover in the primary market was reported and an advance in prices is likely to encourage greater activity at the source. Canadian balsam held very steady.

Barks

Bayberry.—Root bark was higher at 15c. to 16c. per pound, and most holders on spot showed a tendency toward reserve in making firm offerings of quantities at this time. Reserves were said to be below normal in size.

Cascara Sagrada.—Peeling operations have been curtailed by a low price policy in the primary market and suppliers indicate that at this date it is questionable whether the total peel for the season will be over 25 percent of normal. Low prices for new peel were adopted to protect the value of the large carryover from 1937 production. It was intimated last week that the peeling season had virtually closed and the opinion that peelers would not go back into the woods regardless of price offered from the source. A few cars of 1937 peel were reported offered at fairly low prices, but about 90 percent was estimated to be owned in strong hands.

Cinchona.—Prices on long and short pharmaceutical quill bark were lower at 45c. to 50c. per pound for the latter and 50c. to 55c. for the former. Broken bark and chips lacked quotable change.

Elm.—Grinding bark was reduced to 10c. to 11c. per pound, and select material in bundles was also shaded to 25c. to 26c. per pound. These limits were believed to be levels that should attract buyers and stimulate protection of later needs on a fairly substantial scale.

Wahoo.—Considerable stability prevailed in the spot market so far as prices were concerned. Replacement costs at the source have not worked any lower, and most factors locally felt that reductions had about run their course. Limited trading kept the spot market comparatively quiet most of the time last week.

Beans

Calabar.—The market was routine in all respects, and, so far as actual sales were concerned, most suppliers indicated that the market had been one in name only. However, prices remained steady.

Vanilla.—The market of strong undertones, based on strength of prices and moderate stocks abroad, continued unabated. Nor was there likely to develop any easing of the local situation unless there shall come a sharp curtailment in buying by manufacturing consumers. Prices were fully maintained and all varieties continued to display an upward tendency that would require but a moderate increase in demand to result in definitely higher quotations.

Berries

Raspberries.—Prices held at 50c. to 55c. per pound, but for the time being the market was one of moderately easy undertones, the result of new crop offerings, in fair size, from the source. Demand was moderate.

Sumac.—Quotations were fractionally lower at 6c. to 7c. per pound, anticipation of new crops being available at prices permitting the shade more favorable quotations to the consuming trade.

Flowers

Clover Tops.—Considering the time of year, replacement prices showed substantial steadiness abroad, and hence the spot market was well maintained, even though calls from buyers were along very quiet lines and lacking in signs of early expansion.

Pyrethrum.—Values were fully steady and, with consumption running to fair-sized totals, the local market had an undertone of firmness throughout the past week. However, the importing trade had its attention centered on the coming new crop in Japan and was still disposed to expect that conditions would prove to be reasonably favorable, though probably not likely to produce any sustained decline in prices on replacement flowers.

Saffron.—Mexican material was down to 28c. to 29c. per pound. Spanish material remained steady in price, but buying support of substantial character was mainly lacking in local circles, save for jobbing transactions that usually involved the purchase of single pounds.

Gums

Aloe.—Firm undertones corresponded with the absence of large supplies of this article from whatever source. Holders maintained quotations thoroughly and looked for prices to continue either firm at local levels, or to continue to advance.

Arabic.—Business continued light and irregular. Prices were comparatively easy on spot because of current competition which has been the more active because of the narrow consuming outlet at this time. Stocks were ample in all directions.

Camphor.—Business in this market continued to be routine for the most part and yet prices appeared to be firmer than they were recently. Small lots made up the major demand and total volume of such business was conservative. However, competition on the spot seemed to have decreased considerably.

Tragacanth.—Well-informed quarters were of the opinion that the textile industry would take more of this gum than had been its wont in the recent past. Inquiries received and sales already made indicated the development of a broader market and hence reasonable optimism concerning the future of business appeared locally.

Herbs and Leaves

Belladonna.—European crop outlook was mainly satisfactory and there seemed little doubt that an adequate stock would be available at the end of the crop season. Locally, business was fair in size, but it was also entirely routine.

Peppermint.—The domestic article was more abundant and available at prices permitting some local suppliers to reduce quotations to the basis of 28c. to 29c. per pound for prompt delivery merchandise. Foreign material, receiving the larger demand usually, was in steady to firm price position at home and abroad.

Rosemary.—Offerings were made at an easier price of 5c. to 6c. per pound without resulting in any marked increase in demand.

Miscellaneous

Ergot.—The future of this material continued to be defined along lines suggestive of considerably higher prices once goods bought out of new crop supplies begin to move into export, from Europe, as well as into local consuming channels. A high minimum price has been fixed by the Franco, according to unofficial advices originating in quarters usually reliable. The advices reaching here were that the minimum has been set at $1.50. British reports, also unofficial, state that export at less than 5 shillings is prohibited in the

Current prices on botanical drugs and spices are given in the alphabetical list of prices beginning on page 7

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Acacia Gum
Aloes
Aniseed
Buchu Leaves
Chamomile
Dandelion Root
Doggrass
Elm Bark
Ergot
Fennel Seed
Ipecac Root
Irish Moss
Jalap Root

Kava Kava
Lavender
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Franco-controlled area to which must be added an unstated export tax.

Kola Nuts.—Business was quiet, steady for small lots, but also suggestive of an expansion consuming requirements as the Summer advances. Prices were declared to be fully steady in all respects, the result of an absence of much competition in local circles.

Manna.—Italian prices were fully steady, probably the result of the control which Italy exercises over quality and value. The government in that country is seeking to prevent export of any but fine quality merchandise. Demand for spot goods was routine and not large.

Papain.—Powder was subjected to more competition than usual on spot and offerings, even sales, were reported to have been made at $1.25 to $1.30 per pound under competitive circumstances. The replacement cost has

Roots

Calamus.—Some local suppliers readjusted their prices downward to make bleached material available at 40c. to 41c. per pound for reasonable quantities. Peeled material was steady at 10c. to 12c. per pound. Neither was in especially good request.

Golden Seal.—Further reduction brought quotations on whole to the basis of $3.20 to $3.25 per pound for whole, and to $3.35 to $3.40 for powder.

Hydrangea.—Prices felt new crop influence and on the spot they were lowered to the basis of 9c. to 10c. per pound.

Mandrake.—Although the movement was not expected to run very far, a decline brought spot quotations to 13c. to 14c. per pound and the market on its new basis was comparatively quiet. Large manufacturing consumers were said quietly to be arranging for their needs in the next year.

Pink.—New crop was still influencing prices in favor of buyers and during the past week the market was down to the basis of 35c. to 36c. per pound.

Serpentaria.—Prices were firmer. Quotations at 75c. to 80c. per pound developed an upward tendency in keeping with a tighter situation reported developing in the primary market.

Spikenard.—Prices were up slightly to 13c. to 14c. per pound to bring the local values more into line with what is being paid for new crop goods at this time. Demand was narrow.

Seeds

Anise.—Spanish seed was scarce on spot and development of substantial demand forced prices up sharply to the basis of 15c. to 15½c. per pound. Star seed was shaded to 12¾c. to 13¼c. and remained easier following the decline.

Coriander.—Natural seed was down slightly to 4¾c. to 5c. per pound but the bleached variety held steady.

Flea.—French seed was lower at 11c. to 12c. per pound, an easier undertone having developed in contrast with the stronger situation that produced a substantial rise in spot quotations recently. India seed held unchanged and, being in very good supply, seemed to be reasonably easy.

Lobelia.—The market was as high as 45c. per pound during the week but by the close of the period values relaxed somewhat and the close found quotations steady at 40c. to 45c. per pound, being higher than a week ago.

Spices

Paprika.—All grades of Hungarian pepper for shipment were reported exhausted, except for the exquisite type which is not capsicum free. The Hungarian market was declared to be firm and holders of old crop pods were not disposed to sell. Spot quotations were advanced when cables were received and late in the period the market was as follows:—Extra fancy, 22c. to 22½c. per pound; medium, 20½c. to 21c.; Spanish pepper also advanced smartly and the extra fancy grade was priced at 30c. to 30½c. per pound; fair, 25c. to 25½c.; fancy, 28½c., nominal; medium, 26c. nominal.

Peppers.—Black Lampong was advanced a small fraction to 5¼c. to 5⅜c. per pound. Japanese red chillies rose to 19c. to 19½c. per pound. These were the sole price changed in spot pepper during the past week. The market was active along routine lines and grinder-volume was conservative at the best.

Trading in black pepper futures on the New York Produce Exchange from June 25 to July 1, inclusive, comprised 176 contracts, a total of 5,913,600 pounds. Following is a price record for the week:—

	Cents per pound		
	High.	Low.	Close.
January	5.63	5.40	5.49@5.52
March	5.75	5.51	5.58@5.62
May	5.85	5.60	5.69@5.72
July	5.15	5.00	5.05@5.15
December	5.50	5.35	5.42@5.50

Pimento.—Improvement in prices continued and based on actual sales the spot market went to 14c. to 14½c. per pound on substantial business last week. Replacement costs also showed strength at the source.

W. H. McIntyre has been appointed general manager of the Eastern Mineral Spirits Company, this city, succeeding J. A. Lundy, who resigned June 15. Mr. McIntyre, who has been manager of the Philadelphia office for the company, will supervise the sales and distribution of the company's products in the Philadelphia and New York areas. His headquarters will be in New York.

Essential Oils, Aromatic Chemicals

Italian Lemon Higher on Spot and Strong Abroad—Peppermint Up On Adverse Crop Prospects—Lavender Steadier—Anise And Cassia Higher—Eucalyptus Unsettled

A quiet market prevailed in the sale of essential oils and aromatic chemicals last week. Buyers' requirements were conservative in size and practically all purchasers were not disposed to anticipate needs of the more distant future. Seasonal items had a very fair call but the rank and file of materials moved mainly on jobbing account. Prices as a whole were on the steady side.

Anise and cassia showed sharp accession of strength. Most agents of shippers reported lack of offerings from the source and holders of spot goods reflected the sudden turn-around in conditions by advancing quotations substantially. Local sellers were more reserved than they had been for some weeks.

Peppermint oil also turned stronger. Reports from the Middle West and Pacific northwest declared that the growing crops were making poor prospects. On the Coast, sensational lack of rain threatened curtailment of what had been forecast earlier as a normal crop; one day of rain in two months established some kind of a record there. In the Middle West, too much rain was reported to be an adverse influence. Spot quotations were advanced and those in the primary market strengthened as sellers became more reserved.

Italian lemon was strong in Italy and higher in price on spot. However, the presence of large stocks of domestic oil kept consumers well supplied at prices far under those prevailing for the produce of Italy. Orange was steady. Demand for citrous oils was in keeping with favorable seasonal conditions.

Price Changes

Prices were changed during the past week as follows:—

Advanced

Anise, 12c. per lb.
Cassia, 10c. per lb.
Lemon, Italian, 5c. per lb.
Peppermint, natural, 5c. per lb.
redistilled, 5c. per lb.

Reduced

None

Comparative Values

Index numbers compiled from twenty typical essential oils on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
70.3	69.8	70.9	81.9

Market news that may have developed after this report was sent to press will be found on page 4.

Essential Oils

Almond.—Arrival of a fair sized quantity of sweet oil failed to have adverse effect on local quotations. The market was declared to be steady to firm and a fair market prevailed for spot offerings.

Anise.—Most agents report lack of offerings from the source, probably the result of war being carried in full fury to South China. Spot prices have turned definitely upward and last week the market was 80c. to 85c. per pound, done. The tendency was still upward.

Apricot.—Demand was routine and mainly small. Consumers bought close to their actual requirements and showed no disposition to anticipate those of the more distant future. Prices remained steady.

Bergamot. — The Consortium price held firm in Italy, thus maintaining the cost of replacements at levels serving to check all tendencies toward shading of prices quoted on oil of normal specifications and quality.

Cajeput.—Hand-to-mouth transactions made up the bulk of spot demand and on the whole trade was within the limits of jobbing size. Pricewise, the spot market held in line steadily with the replacement position of the article.

Cananga. — The recently steadier market was unchanged. Undertones were on the firm side since it still proved difficult to get a normal yield of rectified goods from the present supply of native oil. Demand was irregular.

Cedarleaf. — While demand was not very active, the market retained very steady prices and undertones. Little in the way of competition for business at less than the openly quoted market was reported and the tendency was to stand pat at present levels while awaiting the development of a wider consuming request.

Citronella. — Dullness in several consuming industries has contributed to the continuance of unsettled and comparatively low spot quotations on both varieties of this oil. Spot stocks were such that interest in shipment parcels was at a minimum. However, late in the week, cables from Ceylon brought news of a sharp rise in prices.

Clove. — A slight gain in interest developed in the market for this article. While most of the improvement was for the account of consumers in moderately sized quantities, the improved movement served to create firmer undertones in general.

Coriander. — Fundamentally prices were very firm solely because of high cost of the small stocks offered from the source, and also because of the poor distribution of the very low stocks on this market. As to demand, high prices have reduced it severely.

Croton. — Moderate demand, the sort prevailing for a long time, proved sufficient to keep market undertones steady and to make for maintenance of prevailing quotations. Competition was negligible.

Cubeb. — Recent lowering of prices on raw material has led to no weakening in prices on the oil. On the contrary, and despite the lack of more than occasional demand, sellers reported prices to be generally firm, while stocks were said to be ample.

Eucalyptus. — Although price reductions have been extended no further, the general market position remained favorable for consumer operations along lines far larger than that prevailing last week. Trade was nowhere near what it should be, it was said.

Grapefruit. — Very steady prices prevailed. Use of the article abroad continued to find increasing favor but consumption in this country had still to respond to missionary efforts of the leading suppliers.

Ginger. — Prices were steady. So were raw material costs. Demand remained moderate in most directions and prices were well held mainly because of the fact that no large surplus of stocks existed in local circles.

Lavender. — Although demand left much to be desired, reports indicated that recent reductions in spot quotations had brought the market to a point where greater solidity seemed in the way of development. Local quotations held very well. Stocks were ample, gauged by the present volume of demand.

Lemon. — Italian oil was higher at $3.25 to $4 per pound, depending on brand. California oil was offered freely and in large quantities at $2.50 per pound and the disparity of price between the home and foreign products tended to keep business favorable for the California producers. Demand was very fair and in line with the season.

Lemongrass. — Stocks on spot were more than sufficient to care for demand that at no time exceeded moderate proportions last week. Quotations here were such as to make them virtually more attractive than those prevailing on replacement goods.

Lime. — Seasonal weather has raised consumption within moderate limits and contributed an undertone that was at least steadier on the spot. Stocks available on spot were equal to any probable demand at this time.

Nutmeg. — Prices were steady. Sell-

Current prices on essential oils and aromatic chemicals are given in the alphabetical list of prices beginning on page 7

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ers reported production cost to be well maintained, stocks were said to be ample, and movement to buyers was held to levels prevailing in recent weeks.

Peppermint.—Country prices were firming up substantially as the result of the condition of the growing crop in the Middle West. The outlook at this time was said to be less encouraging and satisfactory than it had been. Holders of the moderately sized carryover were less inclined to sell save at full prices asked by them; bidding successfully appeared to have disappeared. On the spot, quotations on natural oil moved up to the basis of $2.15 to $2.35 per pound; redistilled, $2.40 to $2.55. Reports from the Pacific Northwest indicated that crop progress there had also been getting more and more unsatisfactory. Early in the growing season, a normal crop was forecast. During the past two months, however, but a single day of rain established some sort of a record for Washington and Oregon. This retarded the crop badly, and unless a radical change in weather come soon, a crop far short of expectations seems certain.

Pimento.—Both berry and leaf oil were in very steady position last week. The cost of berries was higher at the source and constituted an element indicative of growing strength at this time. Demand for both oils was moderate.

Sassafras.—Although competition was keen, it was without open effect on quoted schedules. Desire for business was keen and for the most part conditions seemed to favor buyers with firm orders to place.

Spearmint.—Although the undertone at the source remained firm, conditions on spot were hardly those likely to support a higher level of prices at the moment. The outlook for the crop was moderately satisfactory. Holdover stocks were in firm hands.

Thyme.—Stocks were fair in size and seemed sufficient to care for the present not large consuming demand. However, the situation abroad was one of considerable strength and most oil available for shipment was in very firm hands.

Aromatic Chemicals

Anethol.—The market was much firmer. Raw material turned around and underwent a substantial advance when offerings from the source virtually ceased. For the moment, no change in anethol prices has been made, but the tendency seemed to be upward.

Benzaldehyde.—Fair demand in a quiet but well sustained consuming market was reported last week and quotations were held firm in all directions.

Benzylidineacetone.—Not much interest was displayed in this article. Buyers bought close to real needs and hence the volume was conservative in size. Prices continued to be very steady.

Bromstyrol.—A steady but not very eventful market was noted on the spot. Most transactions were of jobbing sort and volume was within conservative limits.

Carvol.—Slightly more inquiry and some gain in sales was noted and the market continued to display a steady price position in the absence of much competition.

Citral.—Inquiry was very fair but the quantities in which buyers showed interest were comparatively small when compared with normal trade in the item. Prices continued to be very steady.

Coumarin.—While demand was moderate, the price schedule seemed to be generally steady on the basis of the recent decline. Ample stocks were available on spot.

Eucalyptol.—Production cost was favorable in that the quotations on raw material have been declining for some time. The undertone of the market was moderately easy last week. Demand was mainly for prompt needs.

Geranyl Acetate.—Hand-to-mouth business built a fair volume last week and kept the market firm in undertone and well maintained as to prices that prevailed in a market free from excessive competition.

Vanillin Production Erroneously Stated

In the article, "Vanillin from Lignin Offered Commercially," in the REPORTER for June 27, it was stated:—"The production of guaiacol vanillin in 1936 was 314,000 pounds." This statement was erroneous; the round figures (actual record, 314,891 pounds) represent production of vanillin of both guaiacol and eugenol derivation.

The error was made because the United States Tariff Commission in its census of dyes and other synthetic organic chemicals lists vanillin only in the classification of coaltar flavors and perfume materials, giving therein data for vanillin of whatever derivation. Because it is practically impossible physically or chemically to distinguish guaiacol vanillin from eugenol vanillin, a differentiating classification doubtless is considered unnecessary.

United States production of all types of vanillin in 1936 was 314,891 pounds; manufacturers' sales were 293,501 pounds, at an average value of $3.11 per pound. Production in 1937 aggregated 368,330 pounds, and manufacturers' sales were 370,930 pounds at an average value of $3.27 per pound.

Bids Wanted

Acid, Sulphuric:—1,080 pounds; U. S. Engineers Office, Fort Peck, Mont.; procurement 301, opening July 7.

Ammonia, Aqua:—72,900 pounds for White Plains, N. Y.; Bureau of Supplies and Accounts, Navy Department, Washington, D. C.; schedule 3872, opening July 15.

Bronze Powder:—1,000 pounds of aluminum; Commanding Officer, Picatinny Arsenal, N. J.; procurement 1093, opening July 6.

Calcium Carbide:—40,000 pounds for Portsmouth; Bureau of Supplies and Accounts, Navy Department, Washington, D. C.; schedule 3888, opening July 19.

235,000 pounds for Norfolk; Bureau of Supplies and Accounts, Navy Department, Washington, D. C.; schedule 3888, opening July 19.

80,000 pounds for Charleston; Bureau of Supplies and Accounts, Navy Department, Washington, D. C.; schedule 3888, opening July 19.

Chlorine:—2,500 pounds; Purchasing and Contracting Officer, Quartermaster Corps, Langley Field, Va.; procurement 481-51, opening July 9.

120,000 pounds; U. S. Engineer Office, Navy building, Washington, D. C.; procurement 107, opening July 5.

36 cylinders; Quartermaster, West Point, N. Y.; procurement 1052-158, opening July 5.

Fuel Oil:—Supplies as required during the period July 16 to September 30; U. S. Engineer Office, Federal building, Buffalo, N. Y.; circular 191, opening July 11.

Gum Ester:—25,000 pounds for Norfolk; Bureau of Supplies and Accounts, Navy Department, Washington, D. C.; schedule 3827, opening July 12.

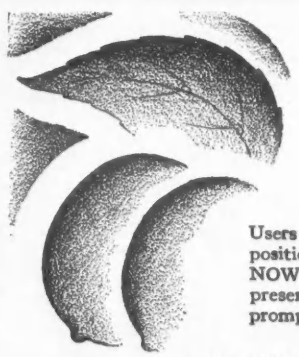
Lime, Hydrated:—600 tons; U. S. Engineers Office, Navy building, Washington, D. C.; procurement 106, opening July 5.

Oil, Black:—7,500 gallons; U. S. Engineer Office, Mobile, Ala.; procurement 593, opening July 5.

Soap, Grit:—7,500 pounds; Procurement Division, Bureau of Supplies, Treasury Department, Washington, D. C.; procurement 4136-S, opening July 5.

Soda Cyanide:—700 pounds; U. S. Engineers Office, Fort Peck, Mont.; procurement 301, opening July 7.

Turpentine:—1,500 gallons; Procurement Division, Bureau of Supplies, Treasury Department, Washington, D. C.; procurement 4140-S, opening July 5.



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Glycol monoacetate
Glycolether acetate
Hexalin
Hexanol, normal
Hexone
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Methylamyl acetate
Methylamyl alcohol
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Methylcyclohexanone
Methyldiphenylcyclohexane
Methylhexalin
Methyl-normal-amyl ketone
Naphtha products
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Octyl acetate
Octyl alcohol
Pentasol
Phenol
Phenylhydrazin
Propylene dichloride
Propylene oxide
Propyleneglycol
Propyleneglycol ethylether
Propyleneglycol isopropylether
Propyleneglycol methylether
Sulphur dioxide
Sulphur dioxide in acetone
Tetrachloroethane
Tetrachloroethylene
Tetraethyleneglycol
Tetraethyleneglycol ethylether
Tetralin
Trichloroethylene
Triclene
Triethyleneglycol
Triethyleneglycol ethylether
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Anethole
Anisole
Benzaldehyde
Benzyl chloride
Bromobenzene
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Butanol
Butyl acetate
Butyl carbitol
Butyl cellosolve
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Cellosolve
Cellosolve acetate
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Chlorobenzene
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Cinnamaldehyde
Cyclohexane
Cyclohexanol
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Dichloroacetic acid
Dichlorobenzene
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Diethyl carbonate
Diethyl ether
Diethyl sulphate
Diethylanilin
Diethyleneglycol
Di-isopropyl ether
Dimethyl sulphate
Dimethylanilin
2:4-Dinitrochlorobenzene
Diphenyl ether
Epichlorhydrin
Ethanol
Ethyl acetate
Ethyl acetoacetate
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Ethyl thiocyanate
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Ethylenediamine
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Methyl nitrate
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Methylanilin
Methylethyl ketone
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Naphthyl cyanide
Nitrobenzene
Nitromethane
Oleic acid
Orthoaminophenol
Orthocresol
Orthonitroanisole
Orthonitrotoluene
Orthonitrotoluidin
Paraldehyde
Para-anisaldehyde
Parabromotoluene
Paracresol
Paradibromobenzene
Paradichlorobenzene
Paranitrotoluene
Phenol
Phenyl isothiocyanate
Phenylhydrazin
Phenylmethanol
Phosphorus tribromide
Propanol
Propionic acid
Pyridin
Quinolin
Salicylaldehyde
Sulphur monochloride
Tetrachloroethylene
Xylidin

Fillers in Lubricants Containing Fats

Activated fuller's earth
Bauxite
Bentonite
Diatomaceous earth
Fossilite
Kaolin
Kieselguhr
Reactolite
Silica

Filtering Agents Used for Decolorizing Lubricating Oils

Activated carbon
Activated fuller's earth
Actolite
Aluminum hydrate
Aluminum sulphate
Animal charcoal
Asbestos
Beidellite
Bentonite
Boneblack
Boneblack, spent
Calcium carbonate
Calcium phosphate
Carborundum
Cellulose
Cellulose acetate
Charcoal
Cheesecloth
Clay
Clay, burnt
Clay, deflocculated
Clearit
Cotton, absorbent
Darco
Dextrin
Diafilt
Diatomaceous earth
Feldspar
Felt
Fluedust
Filtrol
Filtros
Fossilite
Fossil flour
Fuller's earth
Fullerol
Glass wool
Graphite
Kaolin
Kieselguhr
Magnesite
Magnesium carbonate
Magnesium oxide
Magnesium silicate
Muslin
Montmorillonite
Naphtha
Neutrol
Nitrocellulose
Nonsilite
Norit
Nuchar
Paper pulp
Percale
Percolite
Reactolite
Sand, white
Sicapon
Silicates
Silicon carbide
Suchar
Super-filchar
Talc
Tripoli

Heavy-Duty Lubricants

Arachidic acid with hydrocarbon oil
Aluminum palmitate with mineral oil
Aluminum soap with mineral oil
Aluminum soap with mineral oil and uncoagulated rubber stabilizer
Aluminum stearate with mineral oil
Aluminum stearate with mineral oil and uncoagulated rubber stabilizer
Animal fats
Animal wax
Asphaltic oils
Asphaltic residues

(To be continued)

Petroleum Solvents, Lubricants, Fuels

Pre-Holiday Purchasing Cuts Heavily Into Storage—Eastern Bulk Gasoline Price Advanced—Midcontinent Very Strong—Crude Output Lower

Pre-holiday gasoline buying cut heavily into inventories and placed the market in its best position of the year. Tankcar gasoline prices were advanced in the East Coast refinery market and the leading marketers in the Middle West restored to normal all consumer tankwagon prices that had been reduced previously. Gasoline stocks June 25 were reported at 82,412,000 barrels, off more than 2,000,000 barrels from the preceding week and the lowest storage total for the season. Week-end consumption was expected to draw further on the stocks in storage. Several Midcontinent refiners have advanced bulk prices and some of the smaller operators were reported short of spot stocks.

Industrial interest in petroleum products used as industrial raw materials has heightened. Delivery orders for solvents were more numerous. According to one of the leading Eastern sellers, there was a fair amount of business placed for delivery after the semi-annual inventories were out of the way and including these orders, June business was the best for any month so far this year. The fundamental position of the naphtha market was improved along with the strengthening position of gasoline.

The Saturday emergency shutdown of Texas oil wells was lifted but the Sunday closings will continue through July. The Oklahoma Commission removed all prorational restrictions from stripper wells that have been in effect since January and also raised the state allowable 23,000 barrels a day to the level of 428,000 barrels.

The daily average production of crude oil in United States for the week ended June 25 was 3,083,900 barrels, a decrease of 53,400 barrels from the preceding week, according to the estimate of the American Petroleum Institute. The daily average production for the week ended June 25 was 3,115,150 barrels, and the average at this time a year ago was 3,529,600 barrels. Runs to stills were reported to the A.P.I. by companies controlling 89 percent of the nation's refinery capacity as having averaged 2,727,000 barrels for 73.7 percent of refinery operation. An additional 298,000 barrels was estimated to have been sent to stills unreported for a total estimated average of 3,025,000 barrels against 3,080,000 barrels in the preceding week. The average in June, 1937, was 3,311,000 barrels.

Solvents and Diluents

The number of delivery orders received by suppliers has improved, particularly in the East Coast area. Some sellers reported a fairly good volume of business on the books for July delivery, orders which had been marked for deferred delivery because of semi-annual inventories at the end of June. The Middle Western market was reported as having been slow and the Midcontinent letter also reported a slow week there. Pricewise, the market seemed to be holding in a steady position and there were no changes reported at the refineries or in the tankwagon markets.

Cleaners' Naphthas.—Conditions continued pretty much the same as a week ago. A little better buying for July delivery was reported in the Eastern market. Prices were unchanged and steady.

Petroleum Thinners.—Including some of the orders that were placed for delivery this month, June bookings were reported as the best for any month thus far this year, according to one of the leading suppliers in the Eastern area. The Western market was quiet last week. Prices continued without a quotable change.

Rubber Solvents.—There was not much material moving into the Akron district. Tire makers were blue over Summer prospects and the only activity reported in that industry was among the manufacturers that supply the replacement market. May shipments of pneumatic casings were 3,272,118 units, according to the estimates of the Rubber Manufacturers' Association. This compared with 3,199,363 units in April and 5,374,654 in May last year. Production was 2,841,549 against 2,705,606 in April and 5,351,638 in May last year. Stocks on hand were 9,855,360 against 10,316,774 in April and 12,592,215 in May last year. This is the lowest inventory of tires reported since September, 1936.

Stoddard Solvent.—There was some improvement in the business done by Eastern suppliers and some of them reported that June trade was the largest for any month so far this year. The Western markets were described as having been slow last week, however. Prices at the Midcontinent and East Coast refineries continued unchanged and steady.

V.M. & P. Naphthas.—The market was favored with an increased number of orders placed. Many of them were specified for delivery after June 30 when the semi-annual inventory was taken. Pricewise the market locally seemed to have been in a steady position in both the tankcar and tankwagon divisions.

Markets at Other Centers

Chicago, June 30.—The petroleum diluent and solvent market was quiet, with a fairly firm tone and with a volume of business reported steady. Feeling seems to be a little more assured in this market and while there is some little price cutting reported in certain quarters, as a whole there is considerable stability. Ruling prices in tankcar lots except as noted are (Tankcar prices f.o.b. Group 3, Oklahoma):—Blending naphtha, 4½c. to 4¾c. per gallon; cleaners' naphtha, 6⅜c. to 6½c., tankcar; 17.5c., tankwagon; petroleum spirits, 5⅜c. to 5½c., tankcar; 16.5c., tankwagon; rubber solvent, 6⅜c. to 6½c.; lacquer diluent, 7⅜c. to 7½c.; Stoddard solvent, 5⅞c. to 6c., tankcar; 16.2c., tankwagon; V.m.&p. naphtha, 6⅜c. to 6½c., tankcar; 16.5c., tankwagon.

Tulsa, June 30.—Trading was slow in the naphtha products although quotations are holding up well at the levels quoted all season. The cleaners is 6⅜c. per gallon together with v.m.p., while Stoddard was 5⅞c. per gallon.

Lighter Fractions

Midcontinent reports indicated a very strong position for the natural gasolines. The market for the light gaseous solvents has not shown any recent change of position but the basic betterment may have some future reflection in these products. The demands of the market continued in routine fashion.

Butanes.—Continued price stability was the chief reportable feature in the market during the final week of the first half of the year. Pricewise, things remained at the long standing basis of 3¾c. per gallon for tankcars of 16-34 degree material.

Hexanes.—The strengthening position of natural gasoline has been a favorable development attendant to this market. The prices quoted by sellers continued at the basis of 10½c. per gallon for tankcar quantities of normal grade, basis Group 3.

Pentanes.—Normal material continued at the long-standing price basis of 8½c. per gallon for tankcar quantities f.o.b. Group 3. The laboratory grade continued at 14c. per gallon for drum cars, also f.o.b. Group 3.

Petrolatums and Waxes

White Mineral Oils.—There was not much activity in the market. Conditions were little changed from the routine market that has been reported for the past several weeks. Most of the deliveries made were for account of contract. Prices were even.

Paraffin Waxes.—The scale wax market continued in a firm position at 2.20c. to 2¼c. per pound. Some of the recent activity has fallen off but there was enough export buying interest in the market to hold prices firmly at that basis. The fully refined wax market was steady and unchanged. The schedule for carload lots in slabs loose, basis American melting points, is as follows:—123-125, 3.80c. per pound; 125-127, 3.95c. per pound; 128-130, 4¼c. per pound; 131-133, 4.35c. per pound; 133-135, 5c. per pound; 135-137, 5¼c. per pound; 138-140, 6c. per pound; 143-145, 7c. per pound, and 151-153, 8½c. per pound. To meet competitive conditions from abroad, domestic producers will supply in melting points from 125 and higher in bags without the addition of the usual differential. On other melting points shipped in bags the price is 0.20c. per pound additional. Solid wax in tankcars is .05c. per pound below the bulk price. These quotations are f.o.b. Eastern refinery with freight equalized with some competitive points. On the West Coast, the prices are delivered at Western seaports. Contracts are being taken at the aforementioned basis for delivery over the last half of the year.

CHICAGO, June 30.—The refined wax market is quiet, with prices down to levels slightly lower than those which have been prevailing for some time. Stocks are said to have been causing some concern in the industry and pressure against the price structure had become stronger. Buyers are sending through moderately sized orders. Ruling prices are:—122-124, 4.25c. to 4.30c. per pound; 125-127, 4.35c. to 4.40c.; 127-129, 4.45c. to 4.50c.; 130-132, bulk or bag, 5.10c. to 5.15c.; 132-134, bulk or bag, 5.35c. to 5.40c.

TULSA, June 30.—Wax continued as one of the strongest spots which is, of course, seasonal at this time of the year. Quotations were very firm at 2c. to 2¼c. per pound for the 124-26 American crude.

Petrolatums.—The domestic market has held firmly, but export prices are understood to be competitive. There is a good deal of export interest from the Orient and Eastern Europe and there is considerable competition for the business albeit all of the sellers demand cash or its equivalent in payment for foreign business to the "war" areas.

Outputs and Quotas

A comparison of Bureau of Mines calculations for June production, State allowable quotas where they exist and the American Petroleum Institute's estimate of crude production for the week ended June 25 follows:—

	*B. of M. Dept. of Int. calculations.	State allowable.	Estimated output.
Oklahoma ..	508,300	405,000	408,450
Kansas	172,300	†154,000	153,000
Texas	1,329,300	‡1,588,785	1,188,200
Louisiana ..	250,000	250,475	258,650
Arkansas ...	48,300	.....	46,650
Eastern	145,400	.....	140,450
Michigan ...	54,000	.....	53,850
Wyoming ...	49,700	.....	61,450
Montana	12,700	.....	13,700
Colorado ...	5,000	.....	3,850
New Mexico.	108,300	91,000	91,250
California ..	650,000	§615,000	664,400
Totals	3,333,300	.....	3,083,900

* These are Bureau of Mine's calculations of the demand for domestic crude oil based upon certain premises outlined in its detailed forecast for the month of June. As demand may be supplied either from stocks or from new production, contemplated withdrawals from crude oil stocks must be deducted from the Bureau's estimate of demand to determine the amount of new crude oil to be produced.

† Original June 1 allowable of 160,000 barrels revised to approximately 154,000 barrels on June 10 retroactive to June 1.

‡ Original figures for June of 1,578,726 barrels revised as above effective June 20. Saturday and Sunday shut-downs continued through June.

§ Recommendation of Central Committee of California Oil Producers.

Fuels and Lubricants

Higher bulk gasoline prices featured the Eastern market last week. The advance was the first real upward movement in some months. Jobber buying was very active in anticipation of a heavy consumption over the Independence Day holiday. With a good break in the weather the consumption over the week-end should go far toward stabilizing the gasoline market's position for the first time since last Summer.

Tankwagon Price Changes

MIDDLE WEST.—Effective June 29, Standard Oil Company of Indiana restored to normal all reduced tankwagon prices to consumers on third grade gasoline, tractor fuel and kerosene in Illinois, Indiana, Iowa, Minnesota, Missouri, North Dakota, South Dakota and Wisconsin.

Market Conditions

Gasoline.—Bulk gasoline prices advanced ¼c. per gallon at local refineries last week. The 65 octane and higher grade was now posted at 7½c. per gallon and 60-65 octane was now 7¼c. per gallon. Unbranded 65 octane was still available in tankcars at 6¾c. per gallon in some directions but the pre-holi-

The State of the Petroleum Market

Crude oil prices were unchanged last week. Gasoline prices at Eastern refineries were raised ¼c. per gallon last week. The Midcontinent market was very strong and some refiners increased prices.

	July 1	June 24	Last Year
Crude petroleum prices at well (average for ten fields) per barrel.....	$1.27	$1.27	$1.399
Gasoline prices at refineries (at four refining centers), per gallon	.050625	.048125	.056375

Current prices on petroleum and its products are given in the alphabetical list of prices beginning on page 7

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Petroleum Production—Motor Fuel Stocks

	Barrels	
	1938 Jan. 1-July 2	1937 Jan. 1-July 2
Commercial crude oil production	606,266,000	618,526,000
	Week ended July 2, 1938	Week ended July 3, 1937
Daily average production	3,070,600	3,521,300
	Week ended June 25, 1938	Week ended June 18, 1938
Estimated motor fuel stock total	82,412,000	84,476,000
Estimated finished motor fuel stock at refineries	47,880,000	50,445,000

day jobber buying was unusally heavy and with a break in weather conditions over the "three-day" holiday, the consumption was expected to be sufficient to lift the entire market up to the 7c. level or higher. Another sharp drop in the nation's stocks of gasoline in storage was shown by the latest A.P.I. figures for the week ended June 29. The storage at that time was 82,412,000 barrels against 84,476,000 barrels in the preceding week and 76,036,000 barrels at this time a year ago. The 82,412,000 barrels level is the lowest for the year to date and while Oklahoma and Texas were now permitting slightly greater oil flow, it was generally believed around the market that the consumption of gasoline over the past week-end would result in a further decrease of storage and place the market in a position of real balance for the first time this year. Export prices at the U. S. Gulf held the small advance registered a year ago.

Kerosene.—The local bulk market continued in a soft position with very little buying support. Prices continued more or less nominal at 5¾c. per gallon for 41-43 water white material in tankcars at the refineries. Firm bids could shade that figure liberally. It was reported last week that tankcars in Philadelphia were available well below 5c. per gallon.

Fuel and Gas Oils.—The market has been devoid of important developments since the preceding week's decline in the price of C grade bunker oil at local terminal points. This material was now offering at 95c. per barrel, basis New York harbor. The fuel oil demands in the local market were considered fair for this time of the year. Stocks of gas and fuel oil June 29 were estimated by the A.P.I. to have been 137,801,000 barrels against 137,007,000 barrels in the preceding week. The stocks at this time a year ago were 101,169,000 barrels.

Lubricating Oils.—A slightly better rate of demand gave the Pennsylvania oils a little firmer appearance last week. Bright stocks, cylinder oils and neutrals shared in the improved demands. There has been no change in refiners' quotations and the recent drop in Pennsylvania grade crudes had been well discounted in advance.

Crude Oil Price Changes

Standard Oil Company of Indiana has absorbed the properties and business of the Stanolind Crude Oil Purchasing Company and Standard of Indiana will purchase crude oil directly in all areas formerly served by Stanolind Crude Oil Purchasing company, with the exception of Texas, where Stanolind Oil Purchasing company is to function. Standard of Indiana has posted the same crude oil prices and purchase conditions as are now in effect by Stanolind Crude Oil Purchasing company and has opened a crude oil purchasing department in Tulsa.

Markets at Other Centers

Tulsa, June 30.—A pre-holiday buying surge in the early part of the week which carried activity in the gasoline market to the highest level of the year, further strengthened prices and many quotations closed the week from one-eighth to one-quarter cent higher. Shipments were at the highest level of the year and instructions toward the latter part of the week were still coming in actively in anticipation of replenishing inventories for the three-day holiday which promised to chalk up a new consumption record despite the low level of general business and employment.

There continues to be a shortage of motor fuel and a large number of small refiners are periodically out of the market because of reduced operating schedules, or because of previous exhaustion of inventories due to former low operating schedules during a period when gasoline prices were lower than present quotations.

While the gasoline trade is coming up to expectations and inventories are being whittled down at a normal rate for the first time this season has brought a more hopeful sentiment to refiners, their industry is still in a precarious condition. As gasoline has strengthened during the past few weeks and wax has also become more active and stronger, two other departments of the market which together represent a substantial part of the recovery from a barrel of crude have turned exceedingly weak—kerosene and distillates.

Furthermore additional weakness has cropped out in fuel oils, principally at the Gulf coast where accumulations were forcing further reductions which were equivalent to 60c. for bunker fuel. In the inland market, there were no important changes in fuel prices, but movement continued difficult and the slight improvement occurring in the general business picture were not reflected in any substantial inquiries.

Kerosene was reported to have sold at 3½c. per gallon in East Texas for resale compared with 3¾c. to 3⅞c. a week or two ago while in other districts refiners also reported considerable pressure of offerings and demand exceedingly light. For the past three to four weeks, this product has been very soft but the market this week was practically in a state of collapse along with residual fuels. Distillates, however, while weak did not present as hopeless a picture as heavy fuels due to the position of many refiners who are storing for the Fall seasonal demand and consequently are keeping production off the market.

GASOLINE.—U. S. motor is now 4½c. to 4¾c. per gallon while the 63-66 octane is 4¾c. to 5c. per gallon. The 67-69 octane ranged from 5c. to 5¼c. per gallon and the top grade of 70-72 is 5¼c. to 5½c. per gallon. The market is tight.

KEROSENE.—Weakness is apparent with the 41-43 grade quoted from 3½c. to 4c. per gallon and the 42-44 from 3⅝c. to 4⅛c. per gallon. A number of refiners are making desperate efforts to hold their quotations but the pressure of offerings from other sources is great. No immediate change in the trend is expected.

DISTILLATES.—This market is holding up better than kerosene as the number of offerings and also the quantity is less and apparently no important distress is developing so long as the larger refiners are building up inventories. The 38-40 grade prime white continues at 3½c. to 3¾c. per gallon while the 32-36 is 3⅜c. to 3½c. and the gas oils at 3¼c. per gallon.

FUEL OILS.—Very little change has developed in this market although the tone of the higher grades is softer. The 24-28 low cold test was easy at $1 per barrel while the high cold test was 75c. to 85c. per barrel. The residuals were from 37½c. to 60c. per barrel.

Chicago, June 30.—Strength has been continuing in the tankcar gasoline market here recently, with material tight and buyers finding it hard to find in any extensive quantities. Jobbers orders have been coming in rapidly in anticipation of needs for the Fourth of July holiday and refinery shipments accordingly have been heavy. With natural gasoline beginning to improve, one long-standing element of weakness has been removed. Kerosene is tighter than in some time, with good orders. Tractor fuel business holds up well. Light heating oils have attracted a little more interest recently. Heavy fuel oils are still badly depressed, awaiting a showing of better general industrial conditions. Lubricants hold dull.

GASOLINE.—Low octane motor, 4¾c. to 4⅞c. per gallon; 63-66 octane, 5c. to 5⅛c.; 67-69 octane, 5¼c. to 5⅜c.; regular grade, 5½c. to 5⅝c.; 64-66, 375 endpoint, 4¾c. to 5c.; 68-70, 360 endpoint, 5c. to 5¼c.

KEROSENE.—42-44, water white, 4½c. to 4⅝c.; 41-43, water white, 4¼c. to 4⅜c.

FURNACE OILS.—Range oil, 3⅞c. to 4⅛c. per gallon; No. 1 white, 3¾c. to 4c.; No. 1 straw, 3⅝c. to 3⅞c.; No. 2 straw, 3½c. to 3¾c.; No. 2 dark, 3¼c. to 3½c.; No. 3, 3¼c. to 3⅜c.; 32-36, dark, industrial gas oil, 2¾c. to 2⅞c.

FUEL OILS.—No. 4, $1 to $1.10 per barrel; No. 5, 70c. to 80c.; No. 6, 60c. to 70c.

New Orleans, June 28.—Gasoline and kerosene quotations evidenced a slight increase during the past week, while certain fuel oil prices reflected a small drop. Foreign inquiries and exports continued good. U. S. motor gasoline was quoted at 6⅛c.; U. S. motor below 62 octane at 6⅛c.; 63-67 octane at 6⅜c. and 68-70 octane at 7c.—all prices being based on a per gallon rate at refinery.

The price of kerosene advanced ⅛c., being quoted at 7⅝c. per gallon at refinery.

Bunker C fuel oil was quoted at 75c. per barrel at terminal and 80c. per barrel delivered alongside, showing a 5c. drop over the previous week. Industrial plants continued to be quoted at the steady price of $1.46 per barrel, delivered.

Obituaries

Jackson B. Ashley

Jackson B. Ashley, vice-president and assistant general manager of the Coffin-Redington Company, wholesale druggists, San Francisco, Cal., died in Fresno, Cal., June 23. Mr. Ashley, prominently identified with the wholesale drug business on the Pacific coast, was a native of Tennessee. Surviving are his wife, parents and five brothers.

Harry J. Howell

Harry J. Howell, South-Central district manager for the Sherwin-Williams Company, paint manufacturer, Cleveland, Ohio, died in Cincinnati, June 24, following an illness of one week. He was fifty-four years old.

Mr. Howell, a graduate of Rutgers University, New Brunswick, New Jersey, started with the Sherwin-Williams organization twenty-eight years ago in the Newark, N. J., office as a sales representative, and was later made manager of that office. In 1934 he was named manager of the South-Central district, which includes the territory from Cincinnati to the Gulf of Mexico. His wife, his father, one brother and three sisters survive.

Alexander J. Marcuse

Alexander J. Marcuse, vice-president, treasurer and a member of the directorate of the West Disinfecting Company, Long Island city, died June 30 of a heart ailment in his home in this city. He was seventy-three years of age.

Mr. Marcuse began his career with the Hasker & Marcuse Manufacturing Company, can manufacturers, Richmond, Va. This company was absorbed in 1901 by the American Can Company and Mr. Marcuse came to New York as sales manager of the Atlantic district for the American Can Company. He held that position until 1912, when he became vice-president of the West Disinfecting Company.

Mr. Marcuse, at his death, was president and director of the General Paper Company of Pomeroy, Pa., and treasurer and director of the Bedford Pulp and Paper Company and of the Hydro-Electric Corporation of Virginia.

Surviving are his wife and three brothers, Isaac J., Milton E. and Moses M., who is president of the West Disinfecting Company.

Ellery Lewis Wilson

Ellery Lewis Wilson, vice-president of the Rumford Chemical Company, East Providence, R. I., died June 26 in Pompret, Conn. He was fifty-seven years of age.

Graduated from Brown University in 1905, Mr. Wilson, in addition to being vice-president of the company, was a member of the directorate and superintendent of the plant. He was a member of the American Institute of Chemical Engineers and a past president of the Providence Engineering Society.

Surviving are his wife, whom he married three weeks ago, and eight children by a previous marriage.

F. R. Coates, vice-president, and a director of the Indian Territory Illuminating Oil Company, died in Avon, N. J., June 26.

Maurice J. Curran, vice-president, and a director of the Gillette Safety Razor Company, died in his home in Andover, Mass. He was eighty-three years of age.

William M. Matthews, of the Brooklyn office of C. K. Williams & Co., dry colors, died, June 26, in a Brooklyn hospital after he was struck by an automobile while on his way to the office a few days previous. He was thirty years old.

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Fertilizer Materials

Nitrate of Soda Offered for July Only—Liquid Ammonia Unchanged —Superphosphate Lower for New Contracts—Maximum Potash Discount Expires—Organics Soar

Following the appearance of sales prices for domestic sulphate of ammonia last Monday, forward prices for other ammoniates commenced to come into the market. Prices for liquids were named at unchanged levels. Nitrate of soda was offered for July only and at the same prices that prevailed through the latter part of last season. Calcium nitrate and 16 percent cal-nitro prices were extended until further notice. The cyanamid people have not named prices yet. Sulphate of ammonia importers had nothing to say on price up to this writing. The domestic sulphate price position was a welcome surprise to some in the trade and because of the low production plus the fact that the prices are subject to change without notice, the opinion in the market is that early purchase of sulphate is a good buy.

Superphosphate prices were reduced last week and the sellers were soliciting contracts for the 1938-1939 season at the reduced levels. The new contracts extend through June of next year.

The maximum discount allowance on potash salts expired Thursday. Bookings under the early discount were not so large as last season's early bookings. The best available discount now is 5 percent which is allowed on orders placed prior to October 1 for spot delivery or for delivery in approximately equal monthly tonnages through December.

Rough ammoniates had their best activity in several months. Prices continued the upward trend evidenced a week ago. Packing house by-products were up in all markets. Menhaden fish futures returned to the season's opening level and strengthened the nitrogenous market. Buying interest was keen throughout the late hours of the week and prices pointed very strongly.

Price Changes

Prices were changed during the past week as follows:—

Advanced

Blood, dom., Chicago, 25c. per unit-ton.
New York, 15c. per unit-ton.
import, 10c. per unit-ton.
Bone, dom., 1½ & 60, Chicago, $3 per ton.
3 & 50, Chicago, $4 per ton.
4½ & 50, Atlan. ports, 50c. per ton.
Chicago, $1 per ton.
Fish scrap, dom., unground, futures, 25c. per unit-ton.
acidulated, 25c. per unit-ton.
Hoof meal, Chicago, 10c. per unit-ton.
Nitrogenous material, import., 30c. per ton.
Potash salts, 7 percent.,
Tankage, dom., Chicago, fertilizer grade, 5c. per unit-ton.
feeding grade, 25c. per unit-ton.
New York, ground, 10c. per unit-ton.
unground, 15c. per unit-ton.

Reduced

Superphosphate, Balto., 50c. per ton.

Comparative Values

Index numbers compiled from four typical fertilizer materials on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
66.3	66.7	66.7	66.0

Market news that may have developed after this report was sent to press will be found on page 4.

Ammoniates

Nitrate of Soda.—Sellers offered material for July shipment only at $27 per ton in bulk, $28.30 per ton in 200-pound bags, and $29 per ton in 100-pound bags, f.o.b. cars at the ports. These prices are unchanged from those that prevailed over the latter part of last season and the suppliers are not offering beyond the end of this month.

Sulphate of Ammonia.—As reported in last week's issue, sales of domestic sulphate for the new fertilizer year are reported on the following schedule:—July, 1938, shipment, $26.50 per ton; August shipment, $26.75; September shipment, $27; October shipment, $27.25; November shipment, $27.50; December shipment, $27.75; and January-June, 1939, shipment, $28 per ton of 2,000 pounds, in bulk, basis f.o.b. cars nearest Atlantic or Gulf port, and/or $1 per ton less than aforementioned prices f.o.b. cars nearest inland producing ovens, whichever is lower to destination. These prices apply in bulk only and for shipment to fertilizer manufacturers' plants for their own use and consumption. Prices are subject to change without notice. Coke operators report to the Bureau of Mines on ammonia production for May showed output for that month of 32,002 tons, a decrease of 6.8 per cent from the preceding month's output of 34,342 tons. May output of ammonia liquor was 3,258,000 pounds (NH_3 content) against 3,481,000 pounds in April. Total sulphate production for the year through May was 174,138 tons and the five-months' production of ammonia liquor was 17,560,000 pounds. In the first five months of 1937, estimated output of by-product ammonia (figured in the sulphate equivalent of all forms) was 693,748,000 pounds.

Cyanamid. — Producers have not yet taken a position on prices for the new season but it was indicated that this would be done soon.

Calcium Nitrate. — Sellers have not named prices for the new season but are continuing the price that has been in force until further notice. Prices for cal-nitro 16 per cent are also continued until further notice.

Dried Blood.—The price strength reported here last week was extended. Sales in New York were made at $2.75 per unit, an increase of 15c. per unit over the preceding sale and at this writing the holders of stocks were asking $2.85 per unit. High-grade material in Chicago jumped to $2.75 per unit, an advance of 25c. over the preceding week and some of the packers there were asking $3 per unit. Imported material was also higher last week with $3.20 per unit quoted against $3.10 per unit a week ago.

Fish Scrap. — The Chesapeake menhaden market advanced last week with sales of unground reported at $3 and 10c. per unit-ton, basis fish factory, when-and-if-made. This was 25c. per unit-ton over the price paid on earlier trades. Virtually all of the Chesapeake fleet was at work last week. Menhaden meal in Baltimore was quoted firm at $46 per ton. It was also reported that prices of $2.50 and 50c. per unit-ton for acid scrap were withdrawn and that $2.75 and 10c. per unit-ton was the best price available now at the East Coast producing points. Japanese sardine meal was quoted locally at $42 per ton for shipment but Baltimore reported a shipment price of $41.50 per ton for July-September shipment from the Orient.

Nitrogenous Material.—Shippers at Carteret and Norfolk were reported to have been cleaned out of stocks and were not in a position to offer. Prices at these points are purely nominal. Importers quoted $2.65 per unit, c.i.f. last week, representing a boost of 30c. per unit over the price that had been quoted previously.

Tankage.—Ground material advanced 10c. per unit-ton in New York to the basis of $2.60 and 10c. per unit-ton; unground was raised 15c. to the basis of $2.50 and 10c. per unit-ton. The Chicago market was also higher at $2.40 and 10c. per unit-ton for fertilizer grade, representing an increase of 5c. per unit-ton, while the feeding grade moved up 25c. per unit-ton to the basis of $2.75 and 10c. per unit-ton.

Urea-Ammonia Liquor.—The contract price for this material continued at $1 per unit of ammonia, f.o.b. Belle, W. Va., or Atlantic and Gulf ports. The 1938-1939 schedule for the domestic urea-nitrogen compound testing 42 per cent nitrogen was based at $54.40 per ton, in bulk, delivered Atlantic and Gulf ports for July shipment; $54.90 per ton for August; $55.40 per ton for September; $55.90 per ton for October; $56.40 for November; $56.90 for December, and $57.40 per ton for January-June, 1939.

Potashes

The 12 percent maximum discount allowance expired with the close of business Thursday. Because of the fact that most of the large fertilizer producers do not place their orders until just before the deadline, it was difficult to obtain an accurate comparison of the tonnage booked against that contracted for on the early purchases of last season. From early observations of some of the sellers, the purchases were fairly close to what the buyers used last year but because of a carryover situation in several places and because of the extensive cancellations last season, the tonnage booked prior to Thursday's 12 percent discount expiration was not believed to have been as large as the tonnage booked last year.

The best available discount now is 5 percent which is allowed on orders placed prior to October 1 for spot delivery or for delivery in approximately equal monthly quantities through December. List prices will prevail on orders placed after October 1.

Phosphates

Superphosphate manufacturers lowered prices and were seeking contracts for the 1938-1939 season at the lowered basis. The reduction in prices was a surprising move and was evidently motivated by competitive measures. While the phosphate rock market is far from a firm one, there has been no open change of late.

Bone Materials.—Virtually all of the domestic bone markets advanced last week. Raw 4½ & 50 bone in Chicago was $1 higher at $26 to $27 per ton and domestic material of similar test c.i.f. Atlantic ports was advanced 50c. per ton to the basis of $26 per ton. Steamed 3 & 50 meal in Chicago was advanced $4 per ton to $20 to $23 per ton while also in Chicago the price of 1½ & 60 steamed bone was raised $3 per ton to the basis of $18 to $20 per ton.

Superphosphate.—Producers lowered prices 50c. per ton and were now seeking contracts for the new season at the reduced basis. The new prices were $7.50 per ton for the run of the pile, basis 16 percent, and $8 per ton for guaranteed 16 percent material, both in bulk, f.o.b. cars or vessels, Baltimore. Contracts extending from July 1, 1938, to June 30, 1939, were being sought at the reduced basis. The reduction in price was a surprise move in the market.

Sulphur and Pyrites

While there has not been much of an increase in the tonnage moved toward consumption, the market has attracted a little more buying interest. Paper makers were relatively the best buyers at this time; the slight pick-up in steel mill operations has given some fillip to the buying orders from that industry. Pricewise, the market was steady and unchanged.

Markets at Other Centers

Atlanta, June 30.—Chief interest in the fertilizer trade was shown in new prices for sulphate of ammonia and the nitrate of soda price for July.

Quotations of a rather nominal market were as follows:—

SUPERPHOSPATE.—Nominal.

NITRATE OF SODA.—$27 per ton, bulk port basis.

SULPHATE OF AMMONIA.—$26.50 per unit, port basis, $25.50 producing points, July.

COTTONSEED MEAL.—7 percent grade, $23 to $23.50 per ton, interior producing points.

BLOOD.—$2.50 per unit, basis, Chicago; imported, basis, ports, $3.10.

TANKAGE.—$2.25 to $2.35 and 10c. per unit, basis Chicago.

FISH.—Acidulated scrap, Atlantic Coast points, $2.50 and 50 per unit.

Baltimore, June 30.—Some awakening of interest was noted. There was a little more of a disposition to consider offers.

FISH SCRAP.—The menhaden fishing in Florida is over, with some further hauls being made off the Carolina coast. Down the Chesapeake Bay the operations of the fleet are for the first time extended to all of the vessels. So far the Chesapeake yield has been light. Some sales of scrap have been reported at $3 and 10c. per unit-ton, which is an advance of 25c. Menhaden meal has firmed up a bit, with the latest figures mentioned $46 to $48 per ton for spot. Japanese sardine meal is held at $41.50 per ton for July-August-September shipment.

TANKAGE.—Increasing activity was reported with $2.75 and 10c. per unit-ton

Del-Mar-Va Ass'n Hears About Marketing Problems

Ocean City, Md., June 25, 1938

The Del-Mar-Va Peninsula Association held its eighteenth annual meeting in the Atlantic hotel, June 25. Approximately 100 members and guests were in attendance. B. T. Truitt, of the Worcester Fertilizer Company, Snow Hill, Md., president of the association, presided.

Walter S. Rupp, of Baugh & Sons Co., Baltimore, chairman of district 3, discussed marketing problems, including the effect and application of the Robinson-Patman act. H. G. Guy, entomologist or Grasselli Pest Control Research Division, spoke on "Spray Practices on Del-Mar-Va Peninsula," discussing the various methods of control for fungus diseases and various insect infestations and describing the new sprays developed.

Charles J. Brand, executive secretary and treasurer of the National Fertilizer Association, spoke on "Recent Legislation Affecting the Fertilizer Industry," telling of the hearings recently held by the respective congressional committees charged with the investigation of the TVA and with the conservation and utilization of our phosphate resources. He also discussed the provisions of the new wage and hour bill, the recent freight rate revision rulings of the Interstate Commerce Commission, the Robinson-Patman law, and the anti-monopoly resolution.

F. S. Lodge, technical assistant for the National Fertilizer Association, speaking on "New Trends in Fertilizer Manufacture," discussed the continued trend toward higher analysis fertilizers and described some of the research work of the Tennessee Valley Authority in producing phosphate-bearing materials.

DOMESTIC
SULPHATE OF AMMONIA
AND AMMONIA LIQUOR
THE Barrett COMPANY — 40 RECTOR STREET, NEW YORK

CRUDE SULPHUR
99½% PURE
Free From
ARSENIC, SELENIUM AND TELLURIUM
TEXAS GULF SULPHUR COMPANY
(INCORPORATED)
75 East 45th St., New York City
Deposits and Plants: Newgulf and Long Point, Texas

Current prices on fertilizer materials are given in the alphabetical list of prices beginning on page 7

now asked for ground and $2.50 to $2.60 and 10c. per unit-ton for unground supplies.

BLOOD.—A sale of several cars was reported at $2.75 per unit-ton.

SUPERPHOSPHATE.—With the producers gradually having accumulated quite a supply of the product, the nominal quotations have been marked down to $7.50 per ton for 16 percent run of pile and to $8 per ton flat.

BONE.—1 and 60 held at $19.50 per ton; 3 and 50 ground steamed at $22 per ton; and 4½ and 50 ground raw at $25 per ton.

Chicago, June 30.—A considerably better tone exists in the general fertilizer market situation. The volume of business is said to have picked up a little, and buyers give the indication of being considerably more interested than in some time. Purchases are being made in some divisions of the market at a rate better than in some time. Inquiries are coming through fairly readily. Blood is moving at better prices. Tankage is now commanding some interest. Bone materials reveal little activity, but the tone seems to be much better.

BLOOD.—Principal grade, $2.60 to $2.70 per unit of ammonia.

TANKAGE.—High grade, ground, $2.30 to $2.40 and 10c.; low grade, $15 to $16; hoof meal, $2.35 to $2.50; liquid stick, $1.95 to $2.05.

BONE MATERIALS.—Ground, steamed bone, 1¼ and 60 percent, $18 to $20; 3 and 50 percent, $20 to $23; 4½ and 50 percent, $26 to $27; grinding hoofs, pigs' toes and waste horn materials, $35 to $37.50, mostly nominal; cattle jaws, skulls and knuckles, $17 to $18; pork cracklings, soft pressed, $35 to $40; beef cracklings, soft pressed, $30 to $35; hard pressed cracklings, per unit of protein, 55c. to 57½c.

San Francisco, June 28.—Opening prices on new season sardine meal out of Washington state production were heard here last week, when it was reported that sales were figuring in the market on the basis of $37.50 per ton in limited quantities. The season is not active yet, but providing the labor question is settled shortly, operations can be expected to commence during July. Such a price compares with the current offerings of $45 here for last season's California meal now on the spot. All organic materials were more or less active during the week, the packing houses reporting that blood and tankage are moving out as rapidly as accumulated. New season prices have not been announced as yet on chemical fertilizers, and there is of course no interest or trading just now.

Ruling prices were:

SUPERPHOSPHATE.—Domestic 75c. per unit in bulk, f.o.b. producer's plant, San Francisco Bay. Bags, quoted at 86c. per unit. Foreign material nominal.

AMMONIA PHOSPHATE.—Quoted at $42 per ton, single bags, f.o.b. cars, San Francisco; basis 16 percent N., 20 percent P. A. Inland points, delivered, $1 per ton extra.

FISH MEAL.—California sardine meal is quoted on the basis of $45 per ton, f.o.b. cars, San Francisco/Monterey and $44 per ton, Los Angeles. New season, Washington meal is quoted on the basis of $37.50 per ton.

TANKAGE.—Domestic packing house tankage, ground, high grade, quoted nominally on the basis of $2.90 and 10c. per unit-ton, f.o.b. cars, Los Angeles. Lower grades, quoted at from $2.50 to $2.55 and 10c. Dry rendered, ground, quoted on the basis of $35 per ton, f.o.b. cars, San Francisco. Unground, dry rendered, quoted nominally at 52½c. per unit.

BLOOD MEAL.—Domestic $2.60 per unit, f.o.b. cars, Los Angeles.

BONE MEAL.—Domestic and imported steamed bone meal, quoted, according to seller and quality, at from $24 to $27 per ton, delivered Pacific Coast ports.

Two Years of the Patman Act

—Continued from page 3

Company[26] cases advanced in support of the payment and receipt of the challenged brokerage commissions. After all, section 2 (c) did expressly contain the phrase ". . . except for services rendered . . ." and these respondents maintained that they did accordingly come within this expressed exception in the act itself.

Services to Seller No Justification

The commission, on the other hand, took the position that section 2 (c) of the act was intended to prohibit payment of all brokerage commissions by sellers to buyers or to their controlled agents even where bona fide and actual selling services were rendered by the buyer or his agent to the seller. The commission argued that rarely does a buyer or his agent render valuable services to a seller. Payments in such cases were almost always rebates or price favoritisms. Moreover, even in the isolated cases where services may be actually rendered, it would be the best public policy to outlaw even such payments as a means of avoiding and preventing subterfuges to section 2 (c) and securing the full benefits of the purposes and intents of the act. The commission contended that this was the intention of Congress in passing section 2 (c) and that this section of the act should be accordingly construed.

The circuit court of appeals in the Biddle Purchasing Company case agreed with the commission. It argued that the whole purpose of section 2 (c) was to prevent opportunities for concealed price discriminations through brokerage payments and to effectuate such purposes, section 2 (c) must be construed to prohibit all brokerage commissions by sellers to buyers or their controlled agents even in those cases where the buyer or his agent does render valuable services to the seller.

Furthermore, the fact that brokerage payments may be justified by savings to the seller in his selling costs is also no defense. The commission and the court in the Biddle Purchasing case refused to recognize "justifiable" brokerage commissions. Thus, as long as the brokerage commission is paid to a buyer or to his controlled representative, agent, or intermediary, a violation of section 2 (c) of the act has been committed without any further proof of injury, justification by reason of costs, or that valuable services have been rendered to the seller. The sphere of lawful brokerage commissions thus becomes greatly restricted.

The commission has been most suspicious of brokerage commission payments where the buyer owns stock in the brokerage company. The commission appears to feel that stock ownership constitutes sufficient "control" of the brokerage company so as to bring it within section 2 (c) of the act.[27] This is particularly true where the brokerage company and the buyer have interlocking directorates. Thus in a case now pending before the commission, the facts showed that the president of the brokerage company was also an officer of the buyer and owned 100 percent of the stock of the brokerage company and 55 percent of the stock of the buyer.[28]

In another case, the commission cited about seventy wholesale baking companies, dealers, manufacturers, and their association for alleged illegal payments and receipt of unlawful brokerage commission.[29] Here also the stock of the brokerage company was owned exclusively by the buyers. The commission has also challenged the legality of brokerage commissions paid by sellers to three individuals trading as a brokerage company, the said individuals owning a controlling interest in the buyer company.[30]

It is to be anticipated, therefore, that, as long as there is any tie up, whether by interlocking directorates, stock ownership, membership, or otherwise, between the buyer and the brokerage company, the commission will challenge the legality of the brokerage commissions.[31]

Status of Brokerage Commissions

The following conclusions as to brokerage commissions under section 2 (c) can be deduced from the various complaints and decisions of the Federal Trade Commission to date:—

1. Payment of any commission, brokerage, or other compensation, or allowance, or discount in lieu thereof by the seller to the buyer is illegal.

2. The fact that the buyer or his agent did render valuable services to the seller for the brokerage commission is no defense.

3. Brokerage commissions by a seller to a buyer cannot be justified on the basis of savings to the seller resulting from the buyer's services; nor need there be proof of injury to competition.

4. The commission will challenge any payment of brokerage commissions to a brokerage company whose stock is owned or controlled by the buyer or where there is interlocking directorates or common ownership.

5. Brokerage commissions, even to an independent broker, where all or a part of the commissions are passed on or intended to be passed on to the buyer will be challenged by the commission.

An examination of the various complaints and decisions manifestly shows the commission's antipathy to brokerage commissions. A legitimate independent broker still has a lawful place in business. The seller, however, better make absolutely certain that the broker is entirely independent and not connected with the buyer and that he will not pass on any of his commission to the buyer. The responsibility rests on the seller although the buyer may be equally liable.

Many forms of brokerage commission have already been discontinued by sellers and will be greatly restricted in their scope hereafter. Dummy brokerage arrangements most certainly are wide open to attack by the commission. Many brokerage arrangements heretofore deemed lawful by the business man better be examined. Many of them will be found to be illegal and to require prompt discontinuance if citations by the commission are to be avoided.

—To be continued

[25] The Great Atlantic & Pacific Tea Company; complaint No. 3031; cease and desist order issued January 25, 1938; petition for review has been filed by respondents with United States Circuit Court of Appeals, Third Circuit (Philadelphia), March 18, 1938.

[26] Federal Trade Commission vs. Biddle Purchasing Company.

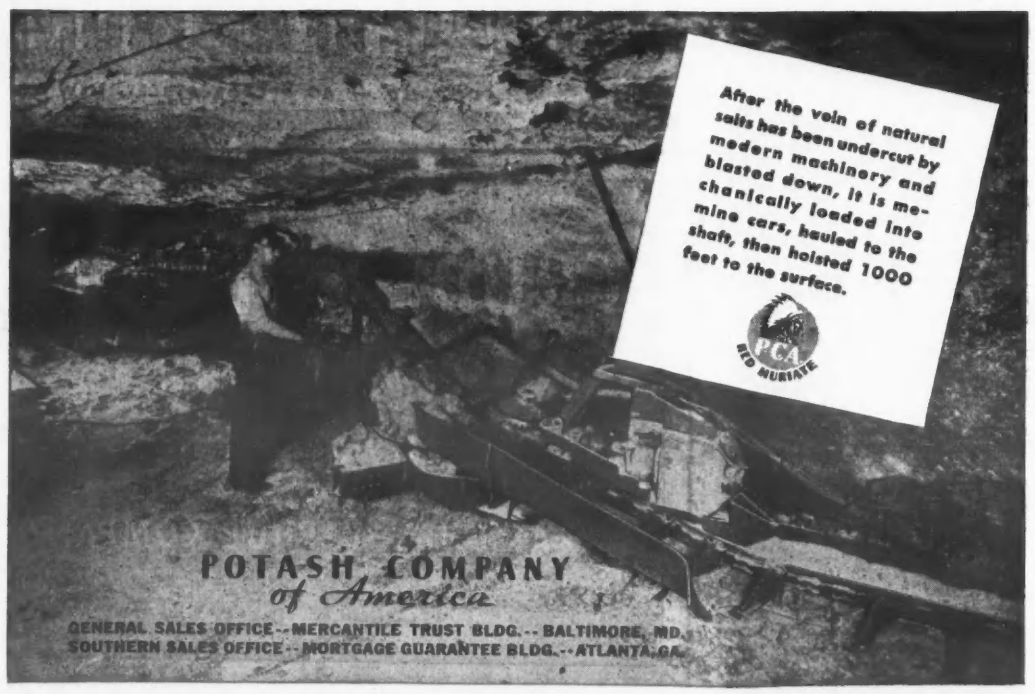
[27] Reeves, Parvin & Co. et al.; complaint No. 3129; May 15, 1937.

[28] Reeves, Parvin & Co. et al.; complaint No. 3129.

[29] Quality Bakers of America, et al.; complaint No. 3218; August 28, 1937.

[30] The Webb Crawford Company et al.; complaint No. 3214; August 26, 1937.

[31] United Buyers et al.; complaint No. 3221; September, 1937. Oliver Brothers, Inc., et al.; complaint No. 3088; cease and desist order issued January 3, 1938.


After the vein of natural salts has been undercut by modern machinery and blasted down, it is mechanically loaded into mine cars, hauled to the shaft, then hoisted 1000 feet to the surface.
PCA
RED MURIATE
POTASH COMPANY of America
GENERAL SALES OFFICE--MERCANTILE TRUST BLDG.--BALTIMORE, MD.
SOUTHERN SALES OFFICE--MORTGAGE GUARANTEE BLDG.--ATLANTA, GA.

World Chemical Output Gained in 1937

—Continued from page 5

through Hong Kong. Despite these conditions, however, China was able to export an all time record quantity of tung oil to world markets, particularly to the United States, its leading foreign market for this essential raw material.

In most European countries and in Japan there was almost complete control of foreign trade in one way or another but imports of essential raw materials were, in most cases, admitted freely.

No significant changes were reported in connection with the large international cartels, such as those controlling international movements of nitrogen potash, chlorates, dyes, sodium sulphate, alkalies, calcium carbide, cyanides and certain fine chemicals.

Narcotic Regulations Revised and Codified

OPD Washington Bureau
June 28, 1938

A complete revision and codification of all narcotics regulations has just been completed by the Bureau of Narcotics of the Treasury Department.

Codification of these, as well as all other Federal regulations, was required by the Federal Register act, and in the process a number of changes have been made, some new, but most of them embodying amendments effected by treasury decisions over the past few years. While the new regulations have been printed in the Federal Register, pamphlet copies will not be available for several weeks.

The regulations are five in number and are designated as follows:—No. 1, marihuana; No. 2, imports and exports; No. 3, smoking opium; No. 4, procedure for appeals from bureau orders and for co-operation with States in criminal prosecutions; No. 5, Harrison act regulations pertaining to registration and taxes.

Wage Minimum Set In Flint Glass Field

The Secretary of Labor has made a determination fixing minimum wages in the flint glass industry at 42½ cents an hour, or $17 a week for a week of forty hours, arrived at either upon a time or piecework basis. This will apply, after July 12, to all concerns manufacturing or supplying flint glass under Federal contracts as required by the Walsh-Healey act.

The determination was made following a study of wages in the industry by the Public Contracts Board, and public hearings held November 30 and April 11.

Shipping Information

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Imports at U.S. Ports

New York Imports

ACID, ACETYLSALICYLIC — 30 cs, 4,191 lbs, Exermont, Istanbul
CRESYLIC — 1 cs, North American Trading Corp, American Farmer, London
37 dms, Monsanto Chem Co, Franconia, Liverpool
SOYBEAN OIL — 75 dms, Half Moon Mfg & Trading Co, Edam, Rotterdam
ADAMANTINE SPAR — 40 bgs, International Selling Corp, Estrella, Marseilles
AGAR AGAR — 19 bls, Mitsui & Co, Atutasan, Kobe
ALBUMEN, VEGETABLE — 6 cs, Lo Curto & Funk, Berlin, Bremen
ALUMINUM POWDER — 29 cs, Olka Bottle Capping Mach Co, Columbus, Bremen
AMMONIA, SULPHOCYANIDE — 20 kgs, 2 tons, 2 cwt, 2 qtrs, 10 lbs, American Cyanamid & Chem Co, Franconia, Liverpool
ANGELICA ROOT — 1 cs, Park & Tilford Distillers, American Farmer, London
ANISE — 42 bgs, Excambion, Marseilles
ANNATTO SEED — 40 bgs, Barclay Bank, Veragua, Kingston
ANTIMONY, REGULUS — 40 bbls, Gitlan & Co, Black Osprey, Antwerp
500 cs, Tai Ping Yang, Hongkong
ASBESTOS — 200 bgs, Standard Bank South Africa, Sagadahoc, Capetown
450 bgs, Union Asbestos & Rubber Co, Sagadahoc, Capetown
16 bgs, Walker & Forbes, American Farmer, London
ASPHALT — 680 bgs, A V Berner & Co, Mexico, Havana
BALSAM — 10 cs, W R Grace & Co, Santa Paula, Cristobal
8 dms, Dodge & Olcott Co, Santa Paula, Cristobal
18 cs, C E Griffin & Co, Santa Paula, Cristobal
BARYTES — 7 cars, Seatrain New Orleans, Havana
2 cars, F E Schundler Co, Seatrain New Orleans, Havana
4 cars, United Color & Pigment Co, Seatrain Havana, Havana
325 bgs, Berlin, Bremen
BISMUTH — 150 cs, Cerro De Pasco Copper Co, Santa Lucia, Callao
BLUE BRONZE — 5 dms, Stanley Doggett, Edam, Rotterdam
BONES — 2 cars, Geck Trading Corp, Seatrain New Orleans, Havana
2 cars, Geck Tradig Corp, Seatrain Havana, Havana
BRISTLES — 94 cs, Hokuroku, Tientsin
50 cs, Guaranty Trust Co, Hokuroku, Tientsin
8 cs, H Rosenhirsch Co, Skjelbred, Kobe
7 cs, F H Cone & Co, American Farmer, London
55 cs, Kane Import Corp, Katuragi, Tientsin
30 cs, Tai Ping Yang, Hankow
60 cs, Wooster Brush Co, Tai Ping Yang, Tientsin
63 cs, Tai Ping Yang, Tientsin
50 cs, F H Cone & Co, Tai Ping Yang, Hongkong
75 cs, Samuel Zeitlins Sons, Tai Ping Yang, Shanghai
BRONZE POWDER—2 cs, 5 dms, R F Downing & Co, Columbus, Bremen
BUCHU LEAVES—5 bls, Peek & Velsor, Aquitania, Southampton
CALCIUM METAL—8 cs, Charles Hardy, Estrella, Marseilles
CAMPHOR, REFINED—150 cs, Mitsui & Co, Atutasan, Kobe
4 cs, Hokuroku, Kobe
CANARY SEED—813 bgs, Astri, Buenos Aires
150 bgs, Levy & Levis Co, Exermont, Casablanca
CANNELLA ALBA BARK—3 bls, Cohen & Co, Munargo, Nassau
CARAWAY SEED—100 bgs, 11,000 lbs, R L Friedler, Edam, Rotterdam
100 bgs, 11,000 lbs, R L Friedler, Nieuw Amsterdam, Rotterdam
100 bgs, 11,000 lbs, Levy & Levis Co, Nieuw Amsterdam, Rotterdam
CARDAMOM—5 cs, American Farmer, London
17 cs, City of Birmingham, Colombo
CAROB BEANS—24 cs, Chase National Bank, Exermont, Thessaloniki
CASCARILLA BARK—6 bgs, Cohen & Co, Munargo, Nassau
CASSIA—115 bls, H P Winter & Co, City of Athens, Padang
296 bls, City of Athens, Padang
177 bls, H P Winter & Co, Kota Tjandi, Padang
20 bls, A G Dunn, Tai Ping Yang, Hongkong
116 bls, Wah Young Co, Tai Ping Yang, Hongkong
BARK—2 cs, Park & Tilford Distillers, American Farmer, London
ROLLS—50 bls, Wood & Selick, Tai Ping Yang, Hongkong
VERA—339 bls, Kota Tjandi, Padang
CHALK, PRECIPITATED—120 bgs, 1 keg, 9 tons, 3 cwt, 4 lbs, H J Baker & Bros, Franconia, Liverpool
CHEMICALS—305 dms, H H Rosenthal Co, Hokuroku, Osaka
42 cs, New York, Hamburg
1 cs, D C Andrews & Co, New York, Hamburg
2 cs, Pfaltz & Bauer, New York, Hamburg
3 cs, J E Bernard & Co, New York, Hamburg
1 cs, Bayer & Co, New York, Hamburg
1 cs, Lo Curto & Funk, New York, Hamburg
5 bbls, Geigy Co, Paris, Havre
25 cs, Paris, Havre
24 cks, Advance Solvents & Chem Co, Stavangerfjord, Heroen
1 kg, 2 cs, Pfaltz & Bauer, Columbus, Bremen
65 cks, 22 tons, 17 cwt, 1 lb, Franconia, Liverpool
4 cs, 11 cks, Black Tern, Rotterdam
12 cks, Philip Bauer Co, Black Tern, Rotterdam
134 cks, Black Tern, Rotterdam
46 bgs, 222 dms, Emile Francqui, Antwerp
11 dms, General Aniline Works, Edam, Rotterdam
20 dms, P C Kuyper & Co, Edam, Rotterdam
50 cs, Edam, Rotterdam
20 dms, Innis, Speiden & Co, Nieuw Amsterdam, Rotterdam
1 cs, 1 ck, Advance Solvents & Chem Co, Nieuw Amsterdam, Rotterdam
85 cks, Heemsoth Kerner Corp, Black Osprey, Rotterdam
20 dms, Industrial Sales Corp, Black Osprey, Antwerp
CHROME ORE—2 bgs, W R Grace & Co, Sagadahoc, Beira
20 bgs, Sagadahoc, Lourenco Marques
CINCHONA, PRODUCTS—4 cs, R W Greeff & Co, Edam, Rotterdam
CLAY—50 bgs, W Manley, Washington, Hamburg
6 cks, Washington, Bremen
CLOVES—300 bls, Sagadahoc, Zanzibar
1 bg, J W Phyfe & Co, City of Athens, Padang
COALTAR, DERIVATIVE — 10 cks, General Aniline Works, Edam, Rotterdam
INTERMEDIATES—2 cs, General Dyestuff Corp, New York, Hamburg
1 dm, Sandoz Chem Works, Columbus, Bremen
2 dms, General Dyestuff Corp, Columbus, Bremen
55 cks, General Aniline Works, Edam, Rotterdam
52 dms, 1 ck, General Dyestuff Corp, Edam, Rotterdam
46 cks, 39 dms, General Aniline Works, Nieuw Amsterdam, Rotterdam
12 cks, 9 dms, General Dyestuff Corp, Nieuw Amsterdam, Rotterdam
COCA LEAVES — 121 bls, Maywood Chem Works, Santa Lucia, Salaverry
COCOA BEANS—500 bgs, Wood & Selick, Fortugas, Port Spain
50 bgs, Schutte & Focke, Telamon, Jeremie
13,270 bgs, Fruit Dispatch Co, Cadmus, Almirante
40 bgs, Mecke & Co, Amor, Maracaibo
500 bgs, Amor, Pto Cabello
300 bgs, Guayaquil, S A Ports
1,300 bgs, Middleton & Co, Van Rensselaer, Trinidad
250 bgs, Van Rensselaer, Trinidad
100 bgs, W R Grace & Co, Santa Lucia, Guayaquil
150 bgs, Santa Lucia, Guayaquil
3,280 bgs, Wessel, Kulenkampf & Co, Almena, Trujillo
1,800 bgs, Almena, Trujillo
600 bgs, Geck Trading Co, Almena, San Pedro
193 bgs, Gillespie & Co, Almena, Sanchez
2,000 bgs, Wessel, Kulenkampf & Co, Almena, Sanchez
3,010 bgs, Machado & Co, Almena, Sanchez
300 bgs, Machado & Co, Almena, Puerto Plata
550 bgs, Porcella, Vicini & Co, Almena, Puerto Plata
750 bgs, National City Bank, Almena, Puerto Plata
30 bgs, Veragua, Cristobal
RESIDUE—3,125 bgs, H J Baker & Bros, Black Tern, Rotterdam
1,177 bgs, H J Baker & Bros, Black Osprey, Rotterdam
COCONUTS—1,500 bgs, 150,000 lbs, I L Toledano Corp, Guayaquil, Colon
2,100 bgs, 210,000 lbs, General Food Corp, Veragua, Kingston
500 bgs, 50,000 lbs, Universal Import & Export Co, Veragua, Kingston
50 bgs, 5,000 lbs, Veragua, Kingston
100 bgs, 10,000 lbs, A J Trucco, Angelina, Mayaguez
60 bgs, 6,000 lbs, J Simon & Co, Angelina, Mayaguez
396 bgs, 39,600 lbs, General Food Corp, Angelina, Mayaguez
1,327 bgs, 132,700 lbs, General Food Corp, Angelina, San Juan
42 bgs, 4,200 lbs, Simons & French, Angelina, San Juan
27 bgs, 2,700 lbs, Angelina, San Juan
COCONUT, DESIC—1,050 cs, Balfour, Guthrie & Co, Atutasan, Manila
2,143 cs, Durkee Famous Food, Tai Ping Yang, Manila
5,200 cs, General Food Corp, Tai Ping Yang, Manila
1,050 cs, Dodwell & Co, Tai Ping Yang, Manila
COLORS—1 cs, Globe Shipping Co, New York, Hamburg
1 cs, Rohner, Gehrig & Co, Normandie, Havre
COALTAR—5 cks, General Dyestuff Corp, Black Tern, Rotterdam
EARTH—5 cks, Reichard-Coulston, Berlin, Bremen
20 cks, Reichard-Coulston, Black Tern, Rotterdam
MINERAL—19 cks, Landers Segal Color Co, Aquitania, Southampton
CORIANDER SEED — 40 bgs, Greene Trading Co, American Farmer, London
4 bgs, Park & Tilford Distillers, American Farmer, London
CORK — 10 bls, Bisbe Cork Co, Normandie, Havre
1 bl, Atkins & Burbron, Black Osprey, Antwerp
BOARD — 469 bls, Belvedere, Gibraltar
SHAVINGS — 6 bls, Atkins & Burbron, Black Osprey, Antwerp
DESIZING AGENT — 1 dm, General Dyestuff Corp, Nieuw Amsterdam, Rotterdam
DEXTRIN — 25 bgs, Edam, Rotterdam
DIGITALIS LEAVES — 9 pkgs, H W Henning & Son, New York, Hamburg
DRUGS, CRUDE — 30 cs, Chase National Bank, American Farmer, London
1 cs, Lo Curto & Funk, American Farmer, London
DUTCH METAL — 2 cs, B F Drakenfeld & Co, Columbus, Bremen
DYES — 9 cks, Ozalid Corp, Nieuw Amsterdam, Rotterdam
ALIZARIN — 5 cks, General Dyestuff Corp, Columbus, Bremen
12 cks, 3 dms, 3 jugs, General Dyestuff Corp, Edam, Rotterdam
16 cks, 12 jugs, 8 dms, General Dyestuff Corp, Nieuw Amsterdam, Rotterdam
ANILIN — 11 cks, 1 pkg, General Dyestuff Corp, New York, Hamburg
4 dms, Sandoz Chem Works, New York, Hamburg
8 bbls, Geigy Co, Paris, Havre
20 bbls, Geigy Co, Normandie, Havre
1 cs, 10 kgs, 6 dms, Carbic Color & Chem Co, Normandie, Havre
3 dms, Sandoz Chem Works, Columbus, Bremen
1 pkg, General Dyestuff Corp, Columbus, Bremen
2 dms, L & R Organic Prod Co, Edam, Rotterdam
41 cks, 15 dms, 1 cs, General Dyestuff Corp, Edam, Rotterdam
68 cans, 2 cs, Ciba Co, Nieuw Amsterdam, Rotterdam
1 cs, 51 cks, General Dyestuff Corp, Nieuw Amsterdam, Rotterdam
EARTH — 213 bgs, A R A Prod Corp, Mexico, Havana
285 bgs, Berlin, Bremen
ETHER — 1 ck, Lo Curto & Funk, Paris, Havre
FAT, VEGETABLE — 3 kgs, E Fougera & Co, American Farmer, London
FERTILIZER—838 bls, Black Osprey, Antwerp
NITRATE PHOSPHATE—1,000 bgs, Synthetic Nitrogen Product Corp, Edam, Rotterdam
FILTER COMPOUND—75 bls, Mager Bros Co, New York, Hamburg
MASS—30 bls, Aug Giese & Son, New York, Hamburg
200 bls, A W Fenton & Co, Berlin, Bremen
PAPER—7 cs, H Reeve Angel & Co, American Farmer, London
120 bls, 1 cs, J Manheimer, Aquitania, Southampton
FIRE CLAY—200 bgs, Klay Stone Co, Columbus, Bremen
FISH SOUNDS—2 pkgs, Scholtz & Co, Amor, Maracaibo
FLEASEED—25 bgs, Peek & Velsor, Excambion, Marseilles
50 bgs, Kachurin Drug Co, Excambion, Marseilles
FLORAL WATER—3 pkgs, A Chiris & Co, Excambion, Marseilles
FLUORSPAR—4 bbls, E J Lavino & Co, Fort Amherst, St Johns
FORMALDEHYDE SODA HYDROSULPHITE —25 kegs, 1 ton, 8 cwt, 1 qtr, 11 lbs, Philipp Bros, Franconia, Liverpool
FULLER'S EARTH—100 bgs, L A Salomon & Bros, American Farmer, London
GAMBIER—56 cs, E E Androvette, Javanese Prince, Singapore
GELATIN—3 cs, Dingelstedt & Co, New York, Hamburg
1 cs, H W Robinson & Co, Paris, Havre
55 cs, Dingelstedt & Co, Columbus, Bremen
POWDERED—75 bgs, 7 dms, R D McLellan, Black Tern, Rotterdam
GINGER ROOT — 56 bgs, Barclay Bank, Veragua, Kingston
GLASS, PLATE—30 cs, Globe Shipping Co, New York, Hamburg
SHEET—775 cs, Emile Francqui, Antwerp
WINDOW—3,436 cs, Vitrea Co, Washington, Hamburg
27 cs, L Solomon & Son, Washington, Hamburg
1 cs, Semon, Bache & Co, Washington, Hamburg
2 cs, Jhoenix Shipping Co, New York, Hamburg
5 cs, Leo Popper & Son, New York, Hamburg
525 cs, Emile Francqui, Antwerp
GLUE—83 bls, H Remis & Co, Seatrain New Orleans, Havana
LIQUID—15 bbls, A Hurst & Co, New York, Hamburg
25 cs, S T Sullebarger Co, Cameronia, Glasgow
POWDERED—25 cks, Rex & Reynolds, Excambion, Marseilles
GLYCERIN—100 dms, Atutasan, Yokohama
102 dms, Lever Bros, Astri, Buenos Aires
1 car, Colgate-Palmolive-Peet Co, Seatrain Havana, Havana
GRAPHITE—56 dms, E F Houghton & Co, Edam, Rotterdam
GUM—7 cs, 3 dms, 1 kg, Magnus, Mabee & Reynard, American Farmer, London
8 cs, R J Prentiss & Co, City of Birmingham, Aden
20 bgs, Peek & Velsor, City of Birmingham, Aden
ARABIC—180 bgs, Innis, Speiden & Co, City of Birmingham, Port Sudan
50 bgs, S B Penick & Co, City of Birmingham, Port Sudan
50 bgs, Orbis Product Corp, City of Birmingham, Port Sudan
150 bgs, National Adhesive Corp, City of Birmingham, Port Sudan
150 bgs, American Cyanamid & Chem Co, City of Birmingham, Port Sudan
500 bgs, Thurston & Braidich, City of Birmingham, Port Sudan
COPAL—88 bgs, G W S Patterson & Co, Javanese Prince, Manila
35 bskts, France Campbell & Darling, Javanese Prince, Middelburg
35 bskts, France, Campbell & Darling, Javanese Prince, Sarini
10 bskts, France, Campbell & Darling, Javanese Prince, Seroei
141 bskts, France, Campbell & Darling, Javanese Prince, Macassar
240 bskts, O G Innes Corp, Javanese Prince, Macassar
346 bskts, 64 bgs, Stroock & Wittenburg, Javanese Prince, Macassar
62 bskts, G W S Patterson & Co, Javanese Prince, Macassar
189 bskts, Gillespie-Rogers-Pyatt Co, Javanese Prince, Macassar
169 bskts, T G Cooper & Co, Javanese Prince, Macassar
34 bskts, Commercial National Bank Trust Co, Kota Tjandi, Macassar
58 bskts, Stroock & Wittenburg, Kota Tjandi, Macassar
109 bskts, O G Innes Corp, Kota Tjandi, Macassar
191 bskts, Kota Tjandi, Macassar
DAMMAR — 25 cs, S Winterbourne & Co, Javanese Prince, Batavia
25 cs, 70 bgs, France, Campbell & Darling, Javanese Prince, Singapore
280 bgs, 50 cs, G W S Patterson & Co, Javanese Prince, Singapore
50 cs, 420 bgs, Stroock & Wittenburg, Javanese Prince, Singapore
140 bgs, Gillespie-Rogers-Pyatt Co, Javanese Prince, Singapore
280 bgs, O G Innes Corp, Javanese Prince, Singapore
200 cs, O G Innes Corp, Kota Tjandi, Padang
50 cs, Kota Tjandi, Padang
50 cs, 210 bgs, O G Innes Corp, Kota Tjandi, Singapore
36 cs, Kota Tjandi, Padang
GUAIAC—11 cs, Porcella Vicini & Co, Coamo, Trujillo
INDUSTRIAL—10 bgs, Innis, Speiden & Co, Excambion, Marseilles
LOCUST BEAN—40 bgs, T M Duche & Sons, Excambion, Genoa
20 bgs, Innis, Speiden & Co, Excambion, Genoa
25 bgs, Excambion, Genoa
PERILLA—45 bls, Chicle Development Co, Santa Paula, Port Colombia
SANDARAC—23 bbls, Estrella, Casablanca
15 bbls, Chase National Bank, Exermont, Casablanca
15 bbls, S B Penick & Co, Exermont, Casablanca
10 bbls, Exermont, Casablanca
GYPSUM—20 bgs, New York, Hamburg
4,500 tons, U S Gypsum Co, Gypsum Empress, Windsor
200 bgs, Hammill & Gillespie, Columbus, Bremen
204 bgs, 10 tons, 1 qtr, 12 lbs, L A Salomon & Bros, Franconia, Liverpool
421 bgs, 17 tons, 17 cwt, 11 lbs, Franconia, Liverpool
HENNA LEAVES—162 bgs, City of Birmingham, Port Said
HERBS, MEDICINAL—4 bls, Atlantic Forwarding Co, New York, Hamburg
2 bls, New York, Hamburg
HOPS—2 bls, Benj Schwarz & Sons, Washington, Hamburg
HOREHOUND LEAVES—50 bls, 5,500 lbs, Exermont, Casablanca
INDIGO—3 dms, 1 ck, General Dyestuff Corp, Edam, Rotterdam
INFUSORIAL EARTH—90 bgs, Aug Giese & Son, New York, Hamburg
INK, DRAWING—3 cs, Massce & Co, Berlin, Bremen
IRISH MOSS—30 bls, R J Prentiss & Co, Paris, Havre
20 bgs, Paris, Havre
20 bls, Peek & Velsor, Normandie, Havre
40 bls, Reifenberg Brewers Supplies, Normandie, Havre
IRON OXIDE—25 cks, C J Osborn & Co, Washington, Southampton
4 bbls, C K Williams & Co, Examiner, Malaga
225 bgs, T H Deutz, Edam, Rotterdam
5 bgs, T H Deutz, New Amsterdam, Rotterdam
ISINGLASS—10 cs, American Farmer, London
JUNIPER BERRIES—224 bgs, P C Kuyper & Co, American Farmer, London
7 bgs, Park & Tilford Distillers, American Farmer, London
23 bgs, Emile Francqui, Antwerp
KOLA NUTS—50 bgs, D Steengrafe, Veragua, Kingston
LARKSPUR SEED—8 bgs, Peek & Velsor, Excambion, Marseilles
LECITHIN—5 hobbocks, New York, Hamburg
5 pkgs, Edam, Rotterdam
LIME—11 cks, Carlson & Bernstein, Kungsholm, Gothenburg
JUICE—40 cs, L Rose & Co, American Farmer, London
MACE—55 cs, B H Old & Co, Javaneses Prince, Amboina
17 cs, Catz American Co, Kota Tjandi, Banda
MAGNESIA CALCINED—40 cs, Schofield, Donald Co, Franconia, Liverpool
CARBONATE—20 bgs, 11,440 lbs, New York, Hamburg
152 cs, 50 cks, Schofield-Donald Co, Franconia, Liverpool
HYDRATE—20 cs, Schofield-Donald Co, Franconia, Liverpool
MAGNESITE, CALCINED—30 dms, 25 bgs, Speiden Whitfield Co, Nieuw Amsterdam, Rotterdam
MANGROVE BARK, EXTRACT—1,000 bgs, Javanese Prince, Singapore
MATCHES, SAFETY—300 conts, Simmons Distributing Co, Washington, Hamburg
1,500 conts, N Y Match Co, Kungsholm, Gothenburg
MEDICINAL PREPS—4 cs, J Personeni, Excambion, Genoa
25 cs, E Fougera & Co, Normandie, Havre
3 pkgs, Rohner, Gehrig Co, Normandie, Havre
6 cs, H W St Johns & Co, Normandie, Havre
5 cs, Inter Maritime Forwarding Co, Normandie, Havre
5 cs, Italian Drug Import Co, Roma, Genoa
2 cs, J Personeni, Roma, Genoa
6 cs, Burroughs, Wellcome & Co, American Farmer, London
2 cs, E Fougera & Co, American Farmer, London
MENTHOL—50 cs, Theo Seltzer, Normandie, Havre
10 cs, Corn Exchange Bank, Tai Ping Yang, Shanghai
MILK, POWD—11 cs, Nestles Milk Prod Co, Excambion, Marseilles
MOLASSES — 1 tank, Boston Molasses Corp, Seatrain New Orleans, Havana
700,000 kilos, W R Grace & Co, Santa Lucia, Supe
NAPHTHALENE — 500 bgs, A V Berner & Co, Black Osprey, Antwerp
NIGER SEED — 733 bgs, City of Birmingham, Colombo
NUTMEGS — 65 bgs, B H Old & Co, Javanese Prince, Amboina
620 bgs, City of Athens, Padang
NUX VOMICA—1,786 pockets, City of Birmingham, Cochin
OCHER — 22 cks, 320 bgs, Reichard Coulston, Excambion, Marseilles
OIL, ALMOND — 4 cs, Fritzsche Bros, Excambion, Marseilles
ANISE — 50 dms, Tai Ping Yang, Hongkong
CASSIA — 10 dms, Melchers, Inc, Tai Ping Yang, Hongkong
CHINAWOOD — 700 tons, Tai Ping Yang, Hongkong
396 tons, S L Jones & Co, Tai Ping Yang, Shanghai
CINNAMON LEAF — 4 dms, Lo Curto & Funk, American Farmer, London
CITRONELLA — 1 dm, H Sothern, Antigua, Puerto Barrios
32 dms, Catz American Co, Javanese Prince, Batavia
22 dms, E de Witt Osborn, Javanese Prince, Colombo
6 dms, C Fischbeck Co, Javanese Prince, Colombo
6 dms, Orbis Product Corp, Javanese Prince, Colombo
8 dms, City of Athens, Batavia
6 dms, Lo Curto & Funk, American Farmer, London
4 dms, Chase National Bank, Kota Tjandi, Batavia
COCONUT — 955 tons, Philippine Refg Corp, Atutasan, Cebu
478 tons, Colgate-Palmolive-Peet Co, Atutasan, Cebu
420 tons, Bankers Trust Co, Javanese Prince, Manila
Quantity, Wecoline Prod, Inc, Katuragi, Manila
714 tons, Spencer Kellogg & Sons, Tai Ping Yang, Katuragi, Manila
COD — 200 pkgs, National Oil Product Co, Fort Amherst, St Johns
200 dms, Stavangerfjord, Oslo
1,000 dms, Stavangerfjord, Aalesund
150 cks, National Oil Prod Co, Fort Townshend, St Johns
CODLIVER — 15 dms, Stavangerfjord, Kristiansund
25 dms, P R Dreyer, Stavangerfjord, Aalesund
150 bbls, Burroughs-Wellcome Co, Stavangerfjord, Aalesund
257 dms, Stavangerfjord, Reykjavik
ESSENTIAL—6 cs, Paris, Havre
40 cs, Excambion, Marseilles
21 pkgs, Normandie, Havre
2 cs, Berlin, Bremen
1 dm, Veragua, Kingston
3 cs, Nieuw Amsterdam, Rotterdam
EUCALYPTUS—9 dms, Orbis Product Corp, Wichita, Sydney
50 cs, Geo Lueders & Co, Wichita, Melbourne

OIL, FISH LIVER—122 dms, Vitamerican, Inc, Tai Ping Yang, Yokohama
94 dms, Vitamerican, Inc, Atutasan, Yokohama
12 dms, Hokuroku, Yokohama
90 dms, Vitamerican, Inc, Skjelbred, Yokohama
111 dms, Vitamerican, Inc, Yamakaze, Yokohama
57 dms, Atlantic Coast Fisheries Export Co, Yamakaze, Yokohama
20 dms, Vitamerican, Inc, Katuragi, Yokohama
FUEL—46,000 bbls, Standard Oil Co of N J, Pioneer, Aruba
96,000 bbls, Standard Oil Co of N J, Esso Aruba, Aruba
99,000 bbls, Standard Oil Co of N J, H H Rogers, Aruba
GERANIUM—2 dms, Geo Lueders & Co, Excambion, Marseilles
LAVENDER—4 dms, Tombarel Prod Corp, Excambion, Marseilles
8 dms, Excambion, Marseilles
LEMON—25 qtr cs, 990 lbs, Fritzsche Bros, Exermont, Messina
12 cs, 880 lbs, Citrus & Allied Essential Oil Co, Exermont, Palermo
LEMONGRASS—5 dms, H Sothern, Antigua, Puerto Barrios
19 dms, Volkart Bros, City of Birmingham, Cochin
34 dms, City of Birmingham, Cochin
LUBRICATING—5 dms, Socony Vacuum Oil Co, Berlin, Bremen
MINERAL—255 dms, New York, Hamburg
OLIVE—381 cs, Belvedere, Seville
150 dms, Leghorn Trading Co, Excambion, Piraeus
50 cs, Excambion, Leghorn
10 dms, Toporista Import Co, Excambion, Genoa
100 dms, Strohmeyer & Arpe Co, Excambion, Genoa
35 dms, J P Tolibia, Excambion, Genoa
100 dms, R Geiber & Co, Excambion, Genoa
10 dms, H S Head, Excambion, Genoa
10 dms, Moosalina Prod Co, Excambion, Genoa
50 dms, Atlantic & Pacific Tea Co, Excambion, Genoa
10 dms, J Waltuch, Excambion, Genoa
5,650 cs, Excambion, Genoa
50 dms, R U Delapenha & Co, Excambion, Marseilles
100 cs, Excambion, Marseilles
50 dms, Sterling Natl Bank Trust Co, Estrella, Marseilles
158 dms, Estrella, Casablanca
280 cs, Exermont, Palermo
25 bbls, Banca Commercial Italian Trust Co, Stavangerfjord, Stavanger
1,945 cs, Roma, Genoa
ORANGE—2 dms, Excambion, Marseilles
10 cs, Dodge & Olcott Co, Veragua, Kingston
PALM—925 tons, Banque Belge pour l'Etranger, Javanese Prince, Belawan Deli
574 tons, Kota Tjandi, Belawan Deli
551 tons, Van Leeuwen, Boomkamp & Co, Kota Tjandi, Belawan Deli
2 dms, Edam, Rotterdam
150 dms, I R Boody & Co, Edam, Rotterdam
PEANUT—quantity, Mitsubishi Shoji Kaisha, Yamakaze, Kobe
50 dms, I R Boody & Co, Black Tern, Rotterdam
25 dms, Edam, Rotterdam
PINE—1 cs, E Fougera & Co, American Farmer, London
POLLACK LIVER—100 dms, Consumers Import Co, Yamakaze, Yokohama
RICE BRAN—100 dms, W R Grace & Co, Skjelbred, Kobe
100 dms, W R Grace & Co, Yamakaze, Kobe
SOD—50 cks, First National Bank, Black Osprey, Antwerp
SOYBEAN—202 tons, Hokuroku, Dairen
300 tons, Mitsubishi Shoji Kaisha, Yamakaze, Dairen
SPERM—10 dms, Cameronia, Glasgow
TEASEED—200 dms, Welch, Holme & Clark, Tai Ping Yang, Hongkong
ORANGE FLOWER WATER—3 cs, A Chiris Co, Excambion, Marseilles
100 crbys, 4 dms, Magnus, Mabee & Reynard, Estrella, Marseilles
ORE—570 bgs, Watson, Geach & Co, Laila, Antofagasta
1,183 bgs, South American Metal Co, Laila, Valparaiso
PAINT, ENAMEL—3 dms, Atlantic Forwarding Co, American Farmer, London
PAPRIKA—51 bgs, H Schoenfeld & Son, Washington, Hamburg
100 bgs, Knickerbocker Mills Co, Washington, Hamburg
125 bgs, 50 half bgs, Washington, Hamburg
300 bgs, Warfield Co, Washington, Hamburg
500 bgs, Vulcania, Trieste
PARAFFIN—9,600 bgs, Asiatic Petroleum Corp, Kota Tjandi, Balik Papan
PATCHOULI LEAVES—74 pkgs, W J Bush & Co, Javanese Prince, Penang
PEATMOSS—1,850 bls, Berlin, Bremen
335 bls, New Amsterdam Import Supply Co, Black Osprey, Antwerp
3 bls, Vaughan Seed S.ore, Black Osprey, Antwerp
3 bls, Atkins & Dubrow, Black Osprey, Antwerp
PEPPER, BLACK—2,577 bgs, O Gerdau Co, Skjelbred, Kobe
1,733 bgs, Catz American Co, Skjelbred, Kobe
3,612 bgs, Catz American Co, Javanese Prince, Batavia
258 bgs, Catz American Co, Javanese Prince, Telok Betong
324 bgs, Javanese Prince, Telok Betong
5,000 bgs, City of Athens, Oosthaven
486 bgs, City of Athens, Batavia
85 bgs, Kota Tjandi, Batavia
2,337 bgs, Kota Tjandi, Oosthaven
WHITE—1,122 bgs, Catz American Co, Skjelbred, Kobe
86 bgs, Catz American Co, Javanese Prince, Macassar
PERU BALSAM—5 cs, Kachurin Drug Co, Santa Lucia, Amapala

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PETROLEUM, CRUDE — 65,717 bbls, Cities Service Asphalt Prod Co, Hadnot, Las Piedras
73,782 bbls, Cities Service Asphalt Prod Co, Hagood, Las Piedras
PIMENTO — 50 bgs, Bank of Nova Scotia, Veragua, Kingston
POPPYSEED — 200 bgs, 22,000 lbs, R L Friedler, Nieuw Amsterdam, Rotterdam
350 bgs, 38,500 lbs, Levy & Levis Co, Nieuw Amsterdam, Rotterdam
100 bgs, 11,000 lbs, Nieuw Amsterdam, Rotterdam
POTASH, CHLORATE, POWD — 1,550 dms, Uniform Chem Prod Co, New York, Hamburg
1,000 dms, Uniform Chem Prod Co, Vasaland, Hamburg
SALT — 8 kgs, American Farmer, London
SULPHATE — 200 bgs, N V Potash Export My, New York, Hamburg
PUMICE — 1 cs, M J Corbett Co, Normandie, Havre
PYRETHRUM FLOWERS — 100 bls, Kachurin Drug Co, Skjelbred, Kobe
50 bls, Sagadahoc, Mombasa
5 bls, American Farmer, London
PYRITES — 7,734,201 kilos, Pyrites Co, Fregenna, Huelva
RAPESEED — 468 bgs, Bunge North American Grain Co, Astri, Buenos Aires
134 bgs, City of Birmingham, Colombo
ROOT, MEDICINAL — 13 bgs, R D Hines, New York, Hamburg
32 bls, Excambion, Marseilles
ROSE FLOWER WATER — 3 cs, A Chiris & Co, Excambion, Marseilles
RUBBER, SYNTH — 84 cs, Advance Solvents & Chem Co, Nieuw Amsterdam, Rotterdam
SANDALWOOD — 100 bgs, City of Birmingham, Colombo
SAWDUST — 700 bgs, State Chem Co, Edam, Rotterdam
SESAME SEED — 112 bgs, Tai Ping Yang, Hongkong
140 bgs, Tai Ping Yang, Hankow
300 bgs, Tai Ping Yang, Shanghai
SHELLAC—10 bgs, 35 cs, A Hurst & Co, New York, Hamburg
350 cs, A Hurst & Co, City of Birmingham, Calcutta
600 bgs, Guaranty Trust Co, Birmingham, Calcutta
SEEDLAC—650 bgs, Mantrose Corp, City of Birmingham, Calcutta
200 bgs, Philadelphia National Bank, Birmingham, Calcutta
100 bgs, Guaranty Trust Co, City of Birmingham, Calcutta
200 bgs, Wm Zinsser & Co, City of Birmingham, Calcutta
SILICA—3 bgs, L A Salomon & Bros, Franconia, Liverpool
SILICON, CARBIDE—1 ck, D C Andrews & Co, Stavangerfjord, Eydehaven
SOAP—9 cs, H Bendel, Aquitania, Southampton
3 cs, R F Downing & Co, Aquitania, Southampton
BASE—47 cs, Yardley & Co, American Farmer, London
CASTILE — 70 cs, Commercial Bank of Greece, Excambion, Piraeus
580 cs, Conti Product Corp, Excambion, Piraeus
SODA, CAUSTIC—1 cs, Burroughs, Wellcome & Co, American Farmer, London
CYANIDE—1,000 dms, American Cyanamid & Chem Co Nieuw Amsterdam, Rotterdam
HYDROSULPHITE—45 dms, 9,504 lbs, New York, Hamburg
PRUSSIATE—407 cs, Charles Hardy, Yamakaze, Yokohama
200 bgs, Yamakaze, Yokohama
SOLVENTS—500 dms, C P Chemical Solvents, Angeline, Mayaguez
SPONGES—4 bls, American Sponge & Chamois Co, Munargo, Nassau
19 bls, Munargo, Nassau
7 bls, Schroeder & Tremayne, Munargo, Nassau
1 bl, Johns-Manville Corp, Munargo, Nassau
21 bls, Talamanca, Havana
22 bls, World Sponge Market, Amor, Turks Island
18 bls, American Sponge & Chamois Co, Mexico, Havre
22 bls, J E Bernard & Co, Mexico, Havre
12 bls, Mexico, Havana
9 bls, American Sponge & Chamois Co, Normandie, Havre
REFUSE—5 bls, American Sponge & Chamois Co, Munargo, Nassau
6 bls, J H Rhodes & Co, Munargo, Nassau
30 bls, Munargo, Nassau
42 bls, Johns-Manville Corp, Munargo, Nassau
10 bls, American Sponge & Chamois Co, Mexico, Havana
22 bls, J E Bernard & Co, Mexico, Havana
STARCH—8 cs, Burroughs, Wellcome & Co, American Farmer, London
POTATO—250 bgs, Stein, Hall & Co, Black Tern, Rotterdam
RICE—30 bbls, M W Parsons, Berlin, Bremen
50 cks, Habicht, Braun & Co, Columbus, Bremen
112 bbls, Stein, Hall & Co, Emile Francqui, Antwerp
25 bbls, Emile Francqui, Antwerp
TALC—879 bgs, Chase National Bank, Hokuroka, Dairen
TANKAGE—1,524 bgs, Tortugas, Santos
TAPIOCA, FLAKE — 912 bgs, Stein, Hall & Co, Kota Tjandi, Sourabaya
FLOUR — 552 bgs, Morningstar-Nicol, Javanese Prince, Sourabaya
500 bgs, Stein, Hall & Co, Javanese Prince, Batavia
5,050 bgs, Stein, Hall & Co, City of Athens, Sourabaya
1,103 bgs, Morningstar-Nicol, City of Athens, Sourabaya
552 bgs, City of Athens, Sourabaya
1,751 bgs, Stein, Hall & Co, City of Athens, Cheribon
270 bgs, Stein, Hall & Co, City of Athens, Batavia
1,250 bgs, Chase National Bank, City of Athens, Batavia
1,668 bgs, Kota Tjandi, Batavia
500 bgs, Stein, Hall & Co, Kota Tjandi, Batavia
500 bgs, Stein, Hall & Co, Kota Tjandi, Tegal
250 bgs, Chase National Bank, Kota Tjandi, Cheribon
2,918 bgs, Stein, Hall & Co, Kota Tjandi, Cheribon
500 bgs, Kota Tjandi, Batavia
3,953 bgs, Stein, Hall & Co, Kota Tjandi, Sourabaya
5,082 bgs, Corn Product Refg Co, Almena, Puerto Plata
PEARL—112 bgs, H P Winter & Co, Kota Tjandi, Cheribon
TARTAR — 228 bgs, Belvedere, Naples
225 bgs, Standard Brands, Belvedere, Algiers
182 bgs, Charles Pfizer & Co, Paris, Havre
167 bs, Charles Pfizer & Co, Excambion, Marseilles
27 bgs, Thomas & Pierson, Excambion, Marseilles
504 bgs, Standard Brands, Excambion, Marseilles
95 bgs, Charles Pfizer & Co, Estrella, Marseilles
137 bgs W R Grace & Co, Santa Lucia, San Antonio
9 bgs, Standard Brands, Exermont, Casablanca
TARTAR—311 bgs, Pfizer & Co, Edam, Rotterdam
325 bgs, Standard Brands, Nieuw Amsterdam, Rotterdam
TEAWASTE—433 bgs, Citro Chem Co, American Farmer, London
THYME LEAVES—66 bgs, Excambion, Marseilles
20 bls, Estrella, Marseilles
TOLU BALSAM—50 cs, Chase Natl Bank, Veragua, Pto Columbia
TUBA ROOT—48 bls, S B Penick & Co, Javanese Prince, Singapore
40 cs, Kota Tjandi, Batavia
UMBER, BURNT, POWD—65 cks, National City Bank, Excambion, Alexandria
RAW—27 cks, National City Bank, Excambion, Alexandria
URANIUM OXIDE, BLACK—60 dms, Central Trading Corp, Black Osprey, Antwerp
UREA—400 bgs, Synthetic Nitrogen Prod Corp, Edam, Rotterdam
VANILLA BEANS—14 cs, Guaranty Trust Co, Paris, Havre
69 cs, Excambion, Marseilles
183 cs, Thurston & Braidich, Excambion, Marseilles
44 cs, Dodge & Olcott Co, Excambion, Marseilles
17 cs, Geo Lueders & Co, Excambion, Marseilles
26 cs, Integrity Trust Co, Excambion, Marseilles
32 cs, J Manheimer, Excambion, Marseilles
13 cs, Bank of Manhattan, Excambion, Marseilles
25 cs, Dodge & Olcott Co, Mexico, Havana
WATER, MINERAL—450 cs, Rohner, Gehrig & Co, Edam, Rotterdam
900 cs, E & J Burke, Estrella, Marseilles
50 ctns, Westergaard Berg Johnson Co, Stavangerfjord, Oslo
50 cs, Luchows Famous Restaurant, Berlin-Bremen
100 cs, Lansen Naeve Corp, American Farmer, London
430 cs, D F Young, American Farmer, London
46 cs, American Farmer, London
WATTLE BARK—1,710 bls, Hammond & Carpenter, Sagadahoc, Durban
WAX, BEES—32 bgs, Excambion, Alexandria
16 bgs, Duncan Fox & Co, Santa Lucia, Valparaiso
29 bgs, Van Oppen Co, Mexico, Havana
6 bgs, Lenape Trading Co, Coamo, Trujillo
12 seroons, Porcella Vicini, & Co, Almena, Trujillo
12 seroons, Porcella, Vicini & Co, Almena, Puerto Plata
OZOKERITE—100 bgs, Innis, Speiden & Co, Washington, Hamburg
25 bgs, American Cyanamid & Chem Co, Vulcania, Trieste
REFINED—5,082 bgs, Standard Oil Co of N J, Kota Tjandi, Palembang
VEGETABLE—100 cs, Mitsui & Co, Atutasan, Kobe
WINE LEES—305 bgs, Standard Brands, Exermont, Casablanca
WODDFLOUR—450 bgs, B L Soberski, Fredrikstad
YEAST—100 bbls, New York, Hamburg
130 bbls, Vulkan Yeast Co, New York, Hamburg
COMPRESSED—2 cks, Compressed Yeast Co, Roma, Genoa
ZINC DUST—4 dms, Black Osprey, Antwerp

New York Transit Imports

CORIANDER SEED—200 bgs, R T French Co, Exermont, Casablanca, Rochester
HERBS, MEDICINAL—8 bls, Allaire, Woodward & Co, Vulcania, Trieste, Peoria
MUSTARD SEED—632 bgs, R T French Co, Tai Ping Yang, Tientsin, Rochester
OIL, CHINAWOOD—220 tons, Spencer Kellogg & Sons, Javanese Prince, Hongkong, Buffalo
SPONGES—165 bls, Munargo, Nassau, London
12 bls, Munargo, Nassau, Amsterdam
5 bls, Munargo, Nassau, Antwerp
3 bls, Munargo, Nassau, Havre
3 bls, Munargo, Nassau, Kobe
4 bls, Munargo, Nassau, Philadelphia
11 bls, Mexico, Havana, Paris
25 bls, Mexico, Havana, London
REFUSE—99 bls, Munargo, Nassau, London
20 bls, Munargo, Nassau, Amsterdam
16 bls, Munargo, Nassau, Rotterdam
23 bls, Munargo, Nassau, Antwerp
37 bls, Munargo, Nassau, Kobe
8 bls, Munargo, Nassau, Philadelphia
21 bls, Mexico, Havana, London
12 bls, Mexico, Havana, Paris
WATER MINERAL — 130 cs, American Farmer, London, Chicago

Baltimore Imports

CASEIN—14 bgs, McKeesport, London
CHEMICALS—20 cks, City of Hamburg, Hamburg
IRON ORE—21,800 tons, Bethlehem Steel Co, Steelore, Cruz Grande
21,500 tons, Bethlehem Steel Co, Amerikaland, Cruz Grande
MOLASSES—4,737,285 lbs, Cuba Distilling Co, Carrabulle, Macoris
12,330,907 lbs, Cuba Distilling Co, Carrabulle, Barahona
PEATMOSS—250 bls, City of Hamburg, Hamburg
PETROLEUM, CRUDE—93,240 bbls, Standard Oil Co N J, F W Abrams, Las Piedras
QUEBRACHO EXTRACT—14,324 bgs, West Selene, Buenos Aires
SUGARBEET SEED—2,000 bgs, Baltimore & Ohio R R Co, City of Hamburg, Hamburg

Boston Imports

ACID, CRESYLIC—85 dms, Franconia, Liverpool
ALUMINUM POWDER—20 dms, 10 cs, 4,788 lbs, T D Downing Co, Aachen, Hamburg
CHEMICALS—50 cks, Aachen, Bremen
34 cks, 12,593 lbs, Aachen, Hamburg
100 cks, 13,007 lbs, Chemicals Marketing Co, Aachen, Hamburg
25 bbls, 12,125 lbs, Philipp Bros, Black Heron, Antwerp
450 bgs, 150 dms, 59,013 lbs, Black Heron, Antwerp
15 dms, Advance Solvents & Chemical Corp, Tampa, Oslo
CHINA CLAY—150 cks, L A Salomon & Bros, Nova Scotia, Liverpool
COALTAR, DISTILLATE—20 dms, Monsanto Chemical Co, Franconia, Liverpool
COCOA BEANS—2,262 bgs, 339,145 lbs, W & A Leaman, Black Heron, Rotterdam
CODLIVER MEAL—552 half bgs, 55,115 lbs, Lundt & Co, Black Heron, Antwerp
EMERY POWDER—20 bgs, 1 cs, Nicholson & Co, American Farmer, London
FISH LIVERS—25 cs, from Nova Scotia
GAMBIER—122 cs, Littlejohn & Co, Javanese Prince, Singapore
GLASS, PLATE—11 cs, 36,817 lbs, L Solomon & Son, Black Heron, Antwerp
GLUE, MARINE, PITCH—14 dms, L W Ferdinand & Co, American Farmer, London
GLUESTOCK, FISH—7 bxs, J R Poole Co, Evangeline, Yarmouth
HIDE—244 bgs, Nova Scotia, Liverpool
GOLDTHREAD—1 bg, C E Gould, Evangeline, Yarmouth
GUM, ARABIC—100 bgs, 22,487 lbs, Thurston & Braidich, City of Birmingham, Port Sudan
INK, PRINTING—6 cs, American Express Co, Aachen, Hamburg
2 cs, American Express Co, American Farmer, London
IRON, OXIDE—200 bgs, 15 dms, Reichard-Coulston, Nova Scotia, Liverpool
MAGNESIA, CALC—20 cs, Schofield, Donald & Co, Nova Scotia, Liverpool
CARBONATED—224 bgs, Dolliff & McGrath, Franconia, Liverpool
MEDICINAL PREPS—1 cs, Otis Clapp & Sons, American Farmer, London
MUSTARD SEED—100 bgs, American Farmer, London
OIL, ALMOND, SWEET—18 dms, American Farmer, London
COALTAR—15 dms, 8,126 lbs, Gillet Carbonizing Co, Black Heron, Antwerp
COCONUT—422 tons, Philippine Refining Corp, Javanese Prince, Manila
COD—50 cks, 22,046 lbs, Balfour, Guthrie & Co, Aachen, Hamburg
60 dms, F W Damon, Nova Scotia, St John's, N F
218 cks, 15 bbls, from Nova Scotia
CODLIVER—10 dms, Diamond Drug & Magnesia Co, Tampa, Stavanger
LUBRICATING—75 bbls, 43,067 lbs, Black Heron, Antwerp
OSSEIN—1,000 bgs, 101,704 lbs, Atlantic Gelatine Co, Black Heron, Antwerp
2,000 bgs, 223,987 lbs, J O Whitten & Co, Black Heron, Antwerp
1,000 bgs, 111,993 lbs, Black Heron, Antwerp
PEATMOSS—200 bls, Aachen, Bremen
250 bls, 29,762 lbs, Premier Peat Moss Corp, Black Heron, Rotterdam
600 bls, 92,593 lbs, Halfmoon Mfg & Trading Co, Black Heron, Rotterdam
PEPPER, BLACK—258 bgs, Catz American Co, Javanese Prince, Batavia
POTASH, CHLORATE—200 dms, 48,060 lbs, J Henry Schroeder Banking Corp, Aachen, Hamburg
SOAP, SADDLE—1 cs, Franconia, Liverpool
TOILET—1 cs, Lever Bros, Nova Scotia, Liverpool
17 cs, American Express Co, Franconia, Liverpool
TAPIOCA FLOUR—551 bgs, First National Bank, Javanese Prince, Sourabaya
WATER, MINERAL—60 cs, S S Pierce Co, American Farmer, London
WAX, MONTAN—630 bgs, 47,086 lbs, Strohmeyer & Arpe Co, Aachen, Hamburg
WOOD, PRESERVATIVE—21 dms, Cuprinol Inc, Franconia, Liverpool

Boston Transit Imports

COLOR, DRY — 6 cs, American Express Co, Franconia, Liverpool, for Cleveland
FAT, COOKING — 3 cs, Procter & Gamble Co, Franconia, Liverpool, for Cincinnati
FERTILIZER, CHEMICAL—14 bgs, Lohrman Seed Co, American Farmer, London, for Detroit
SOAP, TOILET — 9 cs, American Express Co, American Farmer, London, for Indianapolis

Houston Imports

CHEMICALS — 80 bbls, Erlangen, Bremen
100 bgs, Erlangen, Hamburg
MINERAL — 600 bgs, Monfiore, Genoa
OIL, MINERAL—65 dms, Erlangen, Hamburg

Los Angeles Imports

AGAR AGAR—1,590 lbs, Chichibu, Kobe
AMMONIA CARBONATE—2,000 lbs, Wyoming, Hamburg
PHOSPHATE—141,120 lbs, Kingsley, Trail, Canada
SULPHATE—100,800 lbs, Kingsley, Trail, Canada
AMMONIAC SAL—2,200 lbs, Elbe, Hamburg
ARROWROOT FLOUR—240 lbs, Amagisan, Kobe
BONE CALC—11,200 lbs, Damsterdijk, London
CAMPHOR, REFINED—2,200 lbs, Atutasan, Kobe
CANARY SEED—10,860 lbs, Evanger, Buenos Aires
CASSIA, UNGROUND—20,490 lbs, Roseville, Batavia
3,330 lbs, President Cleveland, Hongkong
CHILLIES, UNGROUND—4,000 lbs, Yamakaze, Kobe
CHINA CLAY—191,300 lbs, Damsterdijk, St Austell, Eng
COCONUT, DESIC—302,680 lbs, Roseville, Manila
68,630 lbs, Roseville, Zamboanga
35,000 lbs, Marchen Maersk, Manila
COPRA—2,576,000 lbs, Madoe, Manila
1,344,000 lbs, Roseville, Manila
560,000 lbs, Roseville, Philippine Islands
MEAL—2,006,000 lbs, Madoe, Manila
1,120,000 lbs, Roseville, Manila
DI-CALCIUM PHOSPHATE — 56,000 lbs, Wyoming, London
FISH LIVERS, FROZEN—3,040 lbs, Chichibu, Japan
10,360 lbs, Kimikawa, Yokohama
22,240 lbs, Marchen Maersk, Yokohama
MEAL—99,990 lbs, Kimikawa, Osaka
GELATIN, EDIBLE—7,950 lbs, Damsterdijk, Rotterdam
GLASS, SHEET—24,020 lbs, Elbe, Prague
GUM DAMMAR—10,080 lbs, Madoe, Singapore
GYPSUM, CRUDE—7,790,720 lbs, Griffco, San Marcos
HAIR DYE—50 lbs, Taihei, Yokohama
HENNA LEAVES, POWD—20 lbs, from London
HOPS—1,300 lbs, Elbe, Prague
INK, MIMEOGRAPH—20 lbs, Taihei, Tokio
INSECTICIDE—2,870 lbs, Damsterdijk, Rotterdam
KELP MEAL—30,000 lbs, Taihei, Yokohama
MATCHES, SAFETY—40 lbs, from London
OIL, CITRONELLA—1,100 lbs, Madoe, Batavia
COTTONSEED—307,780 lbs, Chichibu, Osaka
930,490 lbs, Evanger, Sao Paulo
2,648,780 lbs, Yamazuki, Sao Paulo
PALM—2,544,590 lbs, Madoera, Medan
RICE, BRAN—309,810 lbs, Nanman, Osaka
320,490 lbs, Nanman, Japan
20,000 lbs, Yamakaze, Tokio
PEATMOSS—165,960 lbs, Elbe, Bremen
POTASH, PRUSSIATE—3,310 lbs, Elbe, Berlin
RAPESEED—29,920 lbs, Osaka, Kobe
RICE, FLOUR—2,650 lbs, Yamakaze, Yokohama
SALTPETER—77,160 lbs, Elbe, Hamburg
SEAWEEDS—100 lbs, Atutasan, Kobe
340 lbs, Yamakaze, Yokohama
650 lbs, Nanman, Yokohama
200 lbs, Nanman, Kobe
500 lbs, Amagisan, Kobe
SILVERSAND — 403,200 lbs, Wyoming, Antwerp
SESAME SEED — 150 lbs, Yamakaze, Yokohama
SOAP, TOILET—420 lbs, from London
SODA, COMP—15,500 lbs, Wyoming, Antwerp
SOYBEANS—2,000 lbs, Yamakaze, Yokohama

STARCH, POTATO—240 lbs, Yamakaze, Yokohama
POTATO DEXTRIN—12,000 lbs, Damsterdijk, Rotterdam
RICE—150 lbs, Yamakaze, Yokohama
TAPIOCA, SEED—11,500 lbs, Madoera, Batavia
TOILET PREPS—100 lbs, Kano, Tokio
70 lbs, Yamakaze, Yokohama
100 lbs, from Paris
30 lbs, Taihei, Tokio
60 lbs, Damsterdijk, London

New Orleans Imports

BAUXITE ORE — 2,585 tons, Republic Mining & Mfg Co, Lindvangen, Paramaribo
CHALK — 4,000 sx, Binnendijk, Antwerp
COCONUTS — 200 sx, H Cottam, Sixaola, Cristobal
50 sx, Lysefjord, Kingston
GLASS, WINDOW — 359 cs, Binnendijk, Antwerp
6 cs, Syros, Bremen
LITHOPONE — 300 csks, Texas Transport & Terminal Co, Binnendijk, Rotterdam
MOLASSES — 717,271 gls, Commercial Molasses Corp, Dora, Cardenas
OIL, OLIVE — 300 cs, West Hobomac, Seville
50 cs, Monfiore, Genoa
PAINT — 21 ctns, United Fruit Co, Sixaola, Cristobal
PEATMOSS — 300 bls, Marine Midland Trust Co, Binnendijk, Rotterdam
835 bls, Peat Import Corp, Syros, Bremen
TALC — 200 sx, I C R R, Monfiore, Genoa
WHITING — 1,000 sx, Binnendijk, Antwerp

Norfolk Imports

FISH MEAL, GRD — 600 bgs, 28 tons, Jos C Jett, Paraguayo, Buenos Aires
FERTILIZER, NITROGENOUS — 1,177 bgs, Jos C Jett, Tiradentes, Rotterdam
LEATHER, WASTE — 901 bgs, Manchester Brigade, Manchester
TANKAGE, DRY, RENDERED — 1,081 bgs, 48 tons, H J Baker & Bros, Paraguayo, Buenos Aires
GROUND, RENDERED — 2,000 bgs, 98 tons, Paraguayo, Buenos Aires
2,000 bgs, 98 tons, Jos C Jett, Paraguayo, Buenos Aires
UNGROUND—1,000 bgs, 44 tons, Paraguayo, Santos

Philadelphia Imports

ACID, CRESYLIC—250 dms, Chase National Bank, Maasdam, Rotterdam
CASSIA VERA—140 pkgs, Jacobus F Frank, Eskbank, Batavia
CHEMICALS—40 cks, Advance Solvents & Chemical Corp, Maasdam, Rotterdam
100 cks, Maasdam, Rotterdam
CHINA CLAY—50 bgs, United Clay Mines, Maasdam, Rotterdam
52,619 kilos, United Clay Mines, Maasdam, Rotterdam
CHROME ORE—302 tons, 8 cwts, 1 qtr, 16 lbs, Philadelphia National Bank, Sagadahoc, Lourenco Marques
COCONUTS—15 bgs, General Food Corp, Barbara, San Juan
COLOR, EARTH—20 cks, F B Vandegrift & Co, Maasdam, Rotterdam
CORKWASTE—6.5 bbls, Chase National Bank, Express, Bona
EARTH, RED—225 bgs, Maasdam, Rotterdam
FILTER COMPOUND—50 bls, Maasdam, Rotterdam
FLUORSPAR—304,800 kilos, General Chemical Co, Aachen, Bremen
2,032 bgs, General Chemical Co, Aachen, Bremen
FURNACE SAND—600 bgs, Maasdam, Rotterdam
GAMBIER—260 cs, American Dyewood Co, Eskbank, Asahan
GUM, CHICLE—368 bls, Chicle Development Co, Castilla, Puerto Barrios
GYPSUM, CRUDE—4,750 tons, United States Gypsum Co, Gypsum Queen, Windsor
LIVER MEAL—992 bgs, Collingsworth, Buenos Aires
MAGNESITE, CALC—17 bgs, Clara, Dubrovnik
OIL, COTTONSEED—699 dms, Collingsworth, Pernambuco
MINERAL—15 dms, Kuhne, Libby & Co, Aachen, Hamburg
OLIVE—25 cs, Clara, Messina
25 dms, Clara, Sousse
PARAFFIN—1 bx, Samples, Atlantic Refining Co, Sagadahoc, Capetown
PEATMOSS—900 bls, Premier Peatmoss Corp, Maasdam, Rotterdam
50¼ bls, Aachen, Bremen
700 bls, Aachen, Bremen
PEPPER, RED — 50 bgs, T K Landenslager, Aachen, Hamburg
100 bgs, Schenker & Co, Aachen, Hamburg
PETROLEUM, CRUDE — 108,831 bbls, Gulf Oil Corp, Gulfbird, Las Piedras
110,978 bbls, Gulf Oil Corp, Gulfwing, Las Piedras
PYRITES ORE—7,400 tons, Fernbrook, Huelva
QUEBRACHO EXTRACT — 350 bgs, International Products Corp, Collingsworth, Buenos Aires
STANDOIL — 3 dms, Gelbert Spraunce, Maasdam, Rotterdam
SUMAC LEAF — 200 bls, Clara, Palermo
TANKAGE — 1,038 bgs, Collingsworth, Buenos Aires
TAPIOCA FLOUR — 1,319 bgs, Eskbank, Cheribon
276 bgs, Eskbank, Pasoeroean
TUNGSTEN SCRAP — 1 cs, Maasdam, Rotterdam
WATTLE BARK, EXTRACT — 345 bgs, Tannin Corp, Sagadahoc, Durban
WOOD PRESERVER — 1 dm, Sears Roebuck & Co, Barbara, San Juan

Portland, Ore., Imports

GINGER ROOT — 50 sks, Barclays Bank, Amerika, Kingston
QUASSIA CHIPS—179 sks, Amerika, Kingston

San Francisco Imports

ACID, CITRIC—100 cs, Maunalei, Honolulu
ALCOHOL, ETHYL — 100 dms, Maunawili, Honolulu (for Alameda)
100 dms, Maunalei, Honolulu (for Alameda)
BONE MEAL—350 sks, Laurits Swenson, Antwerp
PHOSPHATE — 550 sks, Laurits Swenson, Antwerp
CALCIUM CHLORIDE—67 dms, American Express Co, Elbe, Antwerp
CAMPHOR, REFD—1 cs, S Ishimitsu Co, Chichibu, Kobe
CHEMICALS—39 cks, Ore & Chemical Corpn, Vancouver, Antwerp (for Oakland)
300 dms, Mountain Copper Co, Nanman, Yokohama
137 cks, Advance Solvents & Chemical Corpn, Laurits Swenson, Oslo
227 sks, Elbe, Bremen
CLOVES—39 sks, Salawati, Tamatave
COCOA BEANS—250 sks, W R Grace & Co, Elbe, Cristobal
250 sks, Elbe, Cristobal
COCONUTS—100 sks, Sunset Produce Co, Vancouver, Cristobal
50 sks, Elbe, Cristobal
DAMIANA LEAVES—100 sks, W Loaiza & Co, Vancouver, Mazatlan
DI-AMMONIA PHOSPHATE—4 sks, Vancouver, Antwerp
FERTILIZER — 100 sks, Wilson & George Meyer & Co, Vancouver, Hamburg (for Oakland)
FILTER COMP—30 bls, A Gusmer, Vancouver, Hamburg
GINGER ROOT—10 pkgs, S Ishimitsu Co, Chichibu, Yokohama
20 cs, Maunawili, Hilo
20 cs, Maunalei, Hilo
GLASS, WINDOW—321 cs, Laurits Swenson, Antwerp (for Oakland)
GUM, COPAL—133 bskts, Salawati, Macassar
135 bskts, Hongkong & Shanghai Banking Corpn, Salawati, Macassar (for Oakland)
HOPS—5 bls, Mattoon & Co, Elbe, Hamburg
ISINGLASS—5 cs, S Ishibitsu Co, Chichibu, Kobe
10 cs, F S Sakamaki & Co, Nanman, Kobe
1 cs, Hosoda Bros, Nanman, Kobe
MACE—24 cs, Salawati, Sourabaya
MEDICINAL PREPS—5 cs, Pacific Trading Co, Kunikawa, Kobe
2 cs, S Ishimitsu Co, Chichibu, Kobe
MOLASSES—1,004 tons, Maunawili, Hilo
600 tons, Makawao, Ahukini
3,753 tons, Makawell, Kahului
1,000 tons, Maunalei, Port Allen
NUTMEGS—13 sks, Salawati, Banda
OIL, CITRONELLA—1 dm, Salawati, Batavia
COCONUT, CRUDE—1,000 tons, Philippine Refining Corp of N Y, Salawati, Cebu
CODLIVER—1 cs, 7 dms, E A Silverfield, Laurits Swenson, Antwerp
CODLIVER, MEDICINAL—15 dms, Geo E Madison Co, Laurits Swenson, Oslo
COTTONSEED, SEMI-REFD — 153 tons, Mitsubishi Shoji Kaisha, Chichibu, Kobe
692 tons, Pacific Vegetable Oil Corp, Nanman, Mozi
LUBRICATING—50 dms, Shell Oil Co, Vancouver, Hamburg
RICE BRAN—100 dms, Balfour, Guthrie & Co, Nanman, Kobe
RAPESEED—200 dms, Mitsui & Co, Chichibu, Kobe
SPERM, CRUDE—25 dms, Moveria, Glasgow
PARAFFIN—400 sks, Salawati, Balikpapan
PEATMOSS—1,000 bls, Peat Import Corp, Vancouver, Bremen
1,200 bls, Peat Import Corp, Elbe, Bremen (for Oakland)
400 bls, Peat Import Corp, Elbe, Bremen
PEPPER—480 sks, Salawati, Pangkal Pinang
BLACK—231 sks, Catz American Co, Kunikawa, Saigon
375 sks, Salawati, Oosthaven
RAPESEED—62 sks, Chichibu, Kobe
SALTPETER—2,384 bgs, Guaranty Trust Co of N Y, Capac, Iquique
SODA CYANIDE—1,000 dms, American Cyanamid & Chemical Corp, Elbe, Hamburg
TALLOW—3 bbls, Maunalei, Kahului
TAPIOCA FLOUR—267 sks, Balfour, Guthrie & Co, Salawati, Pamanoekan
55 sks, American Trust Co, Salawati, Sourabaya
55 sks, American Trust Co, Salawati, Sourabaya (for Oakland)
PEARL—139 sks, American Trust Co, Salawati, Sourabaya
SEED—298 sks, American Trust Co, Salawati, Sourabaya
TOILET PREPS—2 cs, S Ishimitsu Co, Chichibu, Kobe
4 cs, Hosoda Bros, Chichibu, Kobe
1 cs, S Ishimitsu Co, Chichibu, Yokohama
WAX, BEES—10 cs, Vancouver, Mazatlan
VEGETABLE—5 cs, S Ishimitsu Co, Chichibu, Kobe
10 cs, American Commerce Co, Bokuyo, Moji
WOOD WOOL—400 bls, Laurits Swenson, Oslo

Savannah Imports

PEATMOSS—300 bls, Tulsa, Hamburg
SALTCAKE—5,987,388 kilos, Ferncliffe, Tocpella
SODA, NITRATE—1,922,200 kilos, Ferncliffe, Tocpella
STARCH, SOLUBLE—200 bgs, Shickshinny, Rotterdam

Seattle Imports

ACID, OXALIC—20 kgs, 2 cks, Balfour, Guthrie & Co, Dinteldijk, Rotterdam
CARAWAY SEED—10 sks, Dinteldijk, Rotterdam
MOLASSES—83,022 gls, Mapele, Hana
PEATMOSS—200 bls, East Asiatic Co, Amerika, Aarhus
PETROLEUM, REFD — 35 dms, Amerika, Copenhagen
PIMENTO—25 sks, Barclays Bank Ltd, Amerika, Kingston
WHITING, BOLTED — 110 sks, Amerika, Copenhagen

Tacoma Imports

PEATMOSS—24 bls, Balfour, Guthrie & Co, Dinteldijk, Rotterdam

Tampa Imports

COCONUTS—15,000, Allocate, Belize
ACETONE—10,223 lbs, Sonnavind, Asuncion
ACID, CITRIC—660 lbs, Santa Paula, Porto Colombia
MURIATIC—7,200 lbs, Borinquen, San Juan
SULPHURIC—5,043 lbs, Oriskany, Santiago; 759 lbs, Guayaquil, Panama
TARTARIC—606 lbs, Santa Paula, Porto Colombia
VANADIC—24,126 lbs, Manhattan, Hamburg
ALCOHOL, ISOPROPYL—1,197 lbs, Black Hawk, Antwerp
AMMONIA, ANHYDR—10,180 lbs, Taybank, Manila
BENZOATE—278 lbs, Westernland, Antwerp
ASPHALT—5,564 lbs, Oslofjord, Oslo; 90,364 lbs, Trentino, Newcastle; 4,802 lbs, City of New York; 29,741 lbs, Sheridan, Pernambuco; 2,280 lbs, Lihue, Honolulu; 4,840 lbs, American Banker, London; 39,666 lbs, Black Hawk, Antwerp
LIQUID — 49,916 lbs, Scanstates, Stockholm; 4,718 lbs, Ancon, Colon; 11,731 lbs, American Banker, London
BABASSU MEAL — 339,360 lbs, Oslofjord, Oslo
BAKING POWDER—39,875 lbs, Hansa, Stockholm; (Lihue) 1,372 lbs, Honolulu; 2,469 lbs, Hilo
BISMUTH, METALLIC — 9,010 lbs, Champlain, Havre
BLOOD, DRD — (Scanstates) 22,100 lbs, Oslo; 22,100 lbs, Kotka; 33,100 lbs, Wiborg; 2,200 lbs, Tallinn
BLUE VITRIOL — 60,000 lbs, Gypsum Empress, Windsor
BUTYL ACETATE — (Scanstates) 3,978 lbs, Helsingborg; 1,772 lbs, Abo
CADMIUM SULPHIDE — 5,536 lbs, President Harding, Hamburg
CALCIUM, CARBIDE — 60,480 lbs, Santa Clara, La Union; 22,408 lbs, Santa Paula, La Guaira
CHLORIDE — 9,163 lbs, Santa Paula, Cartagena; 28,000 lbs, Santa Inez, Panama
CHEMICALS — (New Amsterdam) 1,382 lbs, Rotterdam; 2,908 lbs, Amsterdam; 5,844 lbs, Black Hawk, Rotterdam; 7,111 lbs, President Harding, Havre
CHLORINE LIQ — 7,540 lbs, Guayaquil, Porto Colombia
COALTAR, INTERMEDIATES — 1,683 lbs, New Amsterdam, Rotterdam
COLOR, DRY — 9,060 lbs, Chinese Prince, Shanghai
CORN FLOUR—28,200 lbs, Gloucester City, Cardiff; 1,136 lbs, Darien, Limon; 100 lbs, Antigua, Porto Barrios; 31,020 lbs, Chinese Prince, Manila
SUGAR — 28,200 lbs, Gloucester City, Bristol; 6,585 lbs, New Amsterdam, Rotterdam-Amsterdam; 40,600 lbs, President Harding, Hamburg; 1,010 lbs, Steel Scientist, Honolulu
SYRUP — 22,510 lbs, Gloucester City, Bristol; 1,386 lbs, Darien, Panama City; (Antigua) 762 lbs, Porto Cortes; 2,294 lbs, Porto Barrios; 16,650 lbs, Fort Amherst, St Johns; 4,737 lbs, Steel Scientist, Honolulu
DEXTRIN — 2,245 lbs, Ragnhildsholm, Malmo
CORN—11,280 lbs, City of Manhattan, Sydney
DICHLORODIFLUOROMETHANE — 643 lbs, Ancon, Cristobal
DIETHYLENETRIAMINE — 84 lbs, Black Hawk, Antwerp
DRUGS — 803 lbs, President Harding, Hamburg
DYES—20,043 lbs, Westernland, Antwerp; (Manhattan) 1,031 lbs, Havre; 1,477 lbs, Hamburg
DYEWOOD EXTRACT—2,480 lbs, Westernland, Antwerp
ETHYL ACETATE—35,294 lbs, Ponce, Ponce
FLUID—6,875 gls, Steel Scientist, Palembang
FERROTITANIUM—24,275 lbs, Trentino, Hull
FERTILIZER—(Frank Seamans) 34,020 lbs, Grenada; 11,300 lbs, Trinidad; 30,600 lbs, Darien, Limon; 12,700 lbs, Antigua, Porto Barrios
GASOLINE—1,550 gls, Almena, Ciudad
GELATIN—1,892 lbs, Franconia, Liverpool; 41,280 lbs, City of Manhattan, Melbourne
GLUCOSE, SOLID—(City of New York) 4,060 lbs, Capetown; 10,150 lbs, Durban
GLUE—808 lbs, Antigua, Porto Cortes; 22,000 lbs, Hansa, Hamburg; (Guayaquil) 5,437 lbs, Callao; 2,360 lbs, Mollendo; 399 lbs, Westernland, Antwerp
GLYCERIN—722 lbs, Aquitania, London
GREASE, LUBRICATING—2,961 lbs, Oslofjord, Oslo; 4,773 lbs, Caledonia, Glasgow; (Trentino) 26,310 lbs, Hull; 92,172 lbs, Newcastle; (Ragnhildsholm) 4,660 lbs, Gothenburg; 16,175 lbs, Helsingfors; 3,042 lbs, New Amsterdam; 3,042 lbs, Oriskany, Santiago; (City of Manhattan) 29,263 lbs, Sydney; 30,822 lbs, Melbourne; 13,265 lbs, Adelaide; (Darien) 4,280 lbs, Guayaquil; 4,310 lbs, Buenaventura; 14,165 lbs, Siboney; 1,400 lbs, Port Elizabeth; 4,238 lbs, East London; 1,284 lbs, Port Louis; 20,676 lbs, Lourenco Marques; 5,136 lbs, Beira; 8,012 lbs, Scanstates, Gdynia; (Santa Inez) 6,120 lbs, Buenaventura; 23,265 lbs, Callao; (Taybank) 8,246 lbs, Manila; 52,880 lbs, Hongkong; 81,570 lbs, Brittanic, London; (Westernland) 2,624 lbs, Amsterdam; 13,322 lbs, Antwerp; 6,795 lbs, Brussels; (Chinese Prince) 14,115 lbs, Manila; 18,175 lbs, Cebu; (President Harding) 1,197 lbs, Prague; 13,244 lbs, Havre; 52,886 lbs, Taybank, Hongkong; (Steel Scientist) 15,263 lbs, Iloilo; 2,010 lbs, Saigon; 15,145 lbs, Haiphong; (Manhattan) 79,037 lbs, Havre; 41,210 lbs, Hamburg; 8,800 lbs, Czechoslovakia; (American Banker) 36,473 lbs, London; 7,376 lbs, Watford
GUM, TRAGACANTH—2,296 lbs, Manhattan, Havre
INK, PRINTING—1,282 lbs, American Banker, Bombay
INSECTICIDE—1,850 lbs, Darien, Buenaventura
AGRICULTURAL—44,138 lbs, City of New York, Capetown; 31,500 lbs, Scanstates, Helsingfors
HOUSEHOLD—(City of New York) 16,156 lbs, Port Elizabeth; 92,783 lbs, Lourenco Marques; 15,855 lbs, East London; 5,580 lbs, Lihue, Honolulu
KEROSENE — (Chinese Prince) 14,990 gls, Cebu; 27,500 gls, Hongkong
LACQUER — 7,471 lbs, Scanstates, Danzig; 4,320 lb, Ancon, Cristobal
COLORED—8,995 lbs, City of New York, East London
LARD—41,801 lbs, Aquitania, London; (Gloucester City) 185,250 lbs, Cardiff; 3,490 lbs, Bristol; (Trentino) 114,850 lbs, Hull; 78,000 lbs, Newcastle; 15,043 lbs, Aberdeen; 8,820 lbs, Oriskany, Santiago; 5,820 lbs, Cristobal; Port au Prince; (San Jacinto) 23,001 lbs, San Juan; 11,400 lbs, Mayaguez; (Borinquen) 18,709 lbs, Ciudad; 20,375 lbs, San Juan; 43,800 lbs, Ponce, Ponce; 73,913 lbs, Britannic, London; 46,694 lbs, Franconia, Liverpool; 12,600 lbs, Westernland, Southampton; 71,190 lbs, Manhattan, Hamburg; 115,175 lbs, American Banker, London; 26,337 lbs, Black Hawk, Antwerp
LEAD, ARSENATE—11,400 lbs, Darien, Buenaventura
BLUE, SUBLIMED — 23,168 lbs, Oslofjord, Oslo
LIME, HYDRATED—45,210 lbs, Siboney, Havana
LINSEED CAKE—(Westernland) 451,926 lbs, Rotterdam; 567,280 lbs, Antwerp; (Black Hawk) 1,127,557 lbs, Antwerp; 676,641 lbs, Rotterdam-Amsterdam
LUBRICANTS — 9,381 lbs, New Amsterdam, Rotterdam
MAGNESIA, CHLORIDE—15,930 lbs, Britannic, London
METHYL CHLORIDE—1,004 lbs, Lihue, Honolulu
OIL, CASTOR—1,020 lbs, Antigua, Porto Cortez
COALTAR—8,330 lbs, American Banker, London
COOKING—3,840 lbs, San Jacinto, San Juan
CORN—(City of New York) 23,779 lbs, Capetown; 4,508 lbs, Port Elizabeth; 4,593 lbs, East London; 12,048 lbs, Lourenco Marques; 2,160 lbs, Santa Paula, Curacao
CYLINDER—254,226 gls, Thalia, Brazil
EDIBLE—7,675 lbs, Darien, Limon; 7,581 lbs, Antigua, Porto Barrios
ESSENTIAL—528 lbs, Scanstates, Stockholm
FISH—3,882 lbs, San Jacinto, San Juan
LINSEED—227,060 lbs, Britannic, London
LUBRICATING—(Oslofjord) 504 gls, Haugesund: 3,376 gls, Trondhjem: 10,668 gls, Bergen: 41,146 gls, Oslo; 3,410 gls, Caledonia, Glasgow; (Gloucester City) 7,980 gls, Cardiff; 2,406 gls, Bristol; (Trentino) 10,595 gls, Hull; 11,255 gls, Newcastle; 825 gls, Aberdeen; (Ragnhildsholm) 840 gls, Gothenburg; 4,550 gls, Malmo; (New Amsterdam) 2,500 gls, Rotterdam; 7,980 gls, Amsterdam; (City of Manhattan) 25,235 gls, Brisbane; 20,135 gls, Sydney; 12,650 gls, Melbourne; 33,550 gls, Adelaide; 4,450 gls, Cristobal, La Union; (Darien) 1,375 gls, Limon; 880 gls, Tumaco; 2,035 gls, Panama; 12,725 gls, San Jacinto, San Juan; 1,650 gls, Antigua, Porto Barrios; 2,090 gls, Fort Amherst, Halifax; (Champlain) 3,290 gls, Dunkirk; 6,526 gls, Bordeaux; 49,760 gls, Havre; 30,800 gls, Siboney, Vera Cruz; (City of New York) 550 gls, Capetown; 330 gls, Mossel Bay; 889 gls, Port Elizabeth; 550 gls, East London; 9,910 gls, Durban; 5,200 gls, Lourenco Marques; 715 gls, Beira; 3,080 gls, Sheridan, Manaos; (Scanstates) 3,024 gls, Gothenburg; 3,150 gls, Oslo; 3,150 gls, Copenhagen; 2,226 gls, Malmo; 385 gls, Kosice; 10,160 gls, Prague; 3,100 gls, Gdynia; 31,076 gls, Stockholm; 2,800 gls, Helsingfors; (Exminster) 480 gls, Piraeus; 2,750 gls, Izmir; (Santa Inez) 1,045 gls, Pisco; 14,850 gls, Buenaventura; 8,650 gls, Callao; 2,365 gls, Supe; 2,750 gls, Tocopilla; 6,930 gls, Antofagasta; 54,786 gls, Hansa, Hamburg; (Guayaquil) 1,100 gls, Tumaco; 2,860 gls, Corinto; 2,020 gls, Ancon, Puntarenas; (Taybank) 13,750 gls, Hongkong; 5,775 gls, Shanghai; 20,680 gls, Britannic, London; (Franconia) 7,975 gls, Liverpool; 2,750 gls, Calcutta; (Westernland) 630 gls, Brussels; 21,546 gls, Antwerp; (Chinese Prince) 2,750 gls, Manila; 3,025 gls, Cebu; 1,375 gls, Sonnavind, Rio Janeiro; (President Harding) 550 gls, Hamburg; 1,848 gls, Prague; 15,720 gls, Havre; 770 gls, Berne; (Steel Scientist) 1,175 gls, Iloilo; 12,650 gls, Saigon; 3,960 gls, Haiphong; (Manhattan) 3,830 gls, Havre; 275 gls, Helsingfors; 660 gls, Riga; 605 gls, American Banker, London; (Black Hawk) 5,880 gls, Antwerp; 1,250 gls, Brussels; (Santa Paula) 3,420 gls, Porto Cabello; 15,345 gls, La Rosa; 2,650 gls, Ponce, Arecibo; (Frank Seamans) 1,544 gls, Martinique; 1,200 gls, Ciudad; (Santa Clara) 2,530 gls, Panama; 6,555 gls, Pisco; 9,350 gls, Talcahuano; 3,850 gls, Buenaventura; 4,180 gls, Callao; 35,800 gls, Valparaiso
OLEO—(Ragnhildsholm) 46,926 lbs, Gothenburg; 23,514 lbs, Malmo; 70,236 lbs, New Amsterdam, Rotterdam; 28,355 lbs, Scanstates, Gothenburg; 18,674 lbs, Franconia, Liverpool; (Black Hawk) 16,755 lbs, Antwerp; 11,910 lbs, Rotterdam
PALE—254,126 gls, Thalia, Brazil
PEPPERMINT—4,068 lbs, American Banker, London
TRANSFORMER—715 gls, Sonnavind, Rio de Janeiro
VALVE—9,240 gls, Agwistar, Tampico; 4,840 gls, Siboney, Vera Cruz
PAINT—3,160 lbs, Oslofjord, Oslo; 13,180 lbs, Ragnhildsholm, Gothenburg; 1,260 lbs, San Jacinto, San Juan; (City of New York) 5,097 lbs, Capetown; 3,972 lbs, Durban; 2,376 lbs, Sheridan, Para; 2,391 lbs, New Amsterdam, Rotterdam; 3,680 lbs, Lihue, Hilo; 11,098 lbs, Steel Scientist, Honolulu; (Ponce) 1,475 lbs, Ponce; 6,888 lbs, Guanica; 3,335 lbs, Frank Seamans, Barbados
CREOSOTE—3,300 lbs, Dairlen, Limon
ENAMEL—5,323 lbs, Westernland, Antwerp
PREPARED—5,570 lbs, Antigua, Porto Barrios; (City of New York) 2,059 lbs, Lourenco Marques; 5,062 lbs, East London
PALM KERNEL, MEAL—339,360 lbs, Westernland, Rotterdam
PARAFFIN—42,180 lbs, Trentino, Newcastle; 175,560 lbs, Gloucester City, Bristol; 2,224 lbs, Oslofjord, Sarpsborg; 22,244 lbs, Darien, Limon; 102,115 lbs, Siboney, Vera Cruz; (Santa Inez) 32,860 lbs, Buenaventura; 22,615 lbs, Callao; 225,285 lbs, Black Hawk, Antwerp; (Santa Paula) 226,102 lbs, La Guaira; 22,604 lbs, Porto Colombia; (Santa Clara) 11,120 lbs, La Union; 40,715 lbs, Talcahuano; 22,618 lbs, Buenaventura; 22,610 lbs, Salaverry
SCALE—57,986 lbs, Gloucester City, Bristol; 23,960 lbs, New Amsterdam; Amsterdam; 60,743 lbs, Westernland, Antwerp
PETROLATUM, MEDICINAL — 156,791 lbs, Brittanic, London
PETROLEUM, REFD—(Almena) 1,000 gls, Ciudad; 7,000 gls, Sanchez
PITCH, COALTAR — 36,250 lbs, American Banker, Middlesboro
POTASH BROMATE POWD—2,640 lbs, Nieuw Amsterdam, Rotterdam
CHLORATE—1,940 lbs, Ancon, Buenaventura
PYROCATECHINE CRYSTALS — 6,699 lbs, Kalinin, Leningrad
RESIN—1,113 lbs, Ragnhildsholm, Malmo
SYNTHETIC — 2,300 lbs, Ragnhildsholm, Gothenburg; 1,071 lbs, Hansa, Hamburg; 4,844 lbs, Kalinin, Leningrad
ROSIN—7,307 lbs, Ragnhildsholm, Malmo; 2,608 lbs, Hansa, Hamburg; 4,880 lbs, Westernland, Antwerp
SOAP—5,750 lbs, Cristobal, Cristobal; 22,400 lbs, Borinquen, San Juan; (Lihue) 8,850 lbs, Honolulu; 1,250 lbs, Hilo; 10,800 lbs, Guayaquil, Balboa; 36,000 lbs, Taybank, Manila; (Hansa) 5,875 lbs, Gothenburg; 9,400 lbs, Stockholm; 2,800 lbs, Ponce, Ponce
LAUNDRY — 21,500 lbs, Cristobal, Port Prince; 8,400 lbs, San Jacinto, Mayaguez
POWDER—7,956 lbs, Ponce, Ponce; 12,400 lbs, Cristobal, Cristobal; 25,194 lbs, San Jacinto, San Juan; 4,950 lbs, Lihue, Hilo; 9,090 lbs, Steel Scientist, Manila
TOILET—(Oslofjord) 31,834 lbs, Oslo; 2,346 lbs, Oslo; 2,040 lbs, Cristobal, Port Prince
SODA, ARSENATE—2,675 lbs, Lihue, Honolulu
ASH—31,200 lbs, Gloucester City, Bristol; (City of Manchester) 6,060 lbs, Brisbane; 49,000 lbs, Sydney; 37,500 lbs, Melbourne; 7,506 lbs, Adelaide; 7,050 lbs, Agwistar, Tampico; 9,090 lbs, Siboney, Vera Cruz; (City of New York) 2,860 lbs, Capetown; 1,960 lbs, Port Elizabeth; 22,800 lbs, Durban; (Lihue) 145,928 lbs, Honolulu; 3,970 lbs, Hilo; 2,656 lbs, Pearl Harbor; 40,680 lbs, American Banker, London
BICARBONATE—24,040 lbs, Agwistar, Vera Cruz; (Siboney) 39,090 lbs, Havana; 73,685

Exports from U.S. Ports

New York Exports

Clearance Dates

Agwistar, June 10; Almena, June 2; American Banker, June 10; Ancon, June 1; Antigua, May 27; Aquitania, June 15; Black Hawk, June 15; Borinquen, June 9; Britannic, June 10; Caledonia, June 15; Champlain, June 10; Chinese Prince, June 10; City of Manchester, June 11; City of New York, June 4; Cristobal, June 14; Darien, May 25; Exminster, June 9; Fort Amherst, June 10; Franconia, June 3; Frank Seamans, June 4; Gloucester City, June 14; Guayaquil, June 7; Gypsum Empress, June 17; Hansa, June 8; International, June 16; Kalini, June 8; Lihue, June 6; Manhattan, June 14; New Amsterdam, June 10; Oriskany, June 16; Oslofjord, June 17; Ponce, June 11; President Harding, June 8; Ragnhildsholm, June 10; San Jacinto, June 11; Santa Clara, June 10; Santa Inez, June 3; Santa Paula; June 9; Scanstates, May 6; Sheridan, June 10; Siboney, June 3; Sonnavind, June 7; Steel Scientist, June 11; Taybank, June 1; Thalia, June 16; Trentino, June 13; Westernland, June 10

SODA BICARBONATE (Continued):—
lbs, Vera Cruz; 10,110 lbs, Santa Clara, Buenaventura
BICHROMATE—11,914 lbs, Scanstates, Abo
BROMIDE—94,512 lbs, Kalinin, Leningrad
CAUSTIC — (City of Manchester) 8,110 lbs, Brisbane; 17,310 lbs, Sydney; 5,500 lbs, Melbourne; 10,500 lbs, Adelaide; 135,285 lbs, Cristobal, Mazatlan; 6,532 lbs, Borinquen, Ciudad; (Agwistar) 32,560 lbs, Progresso; 559,075 lbs, Vera Cruz; 212,560 lbs, Tampico; 222,565 lbs, Siboney, Vera Cruz; (City of New York) 6,450 lbs, Capetown; 2,150 lbs, Port Elizabeth; 555 lbs, Durban; 6,125 lbs, Sheridan, Ceara; (Santa Inez) 16,150 lbs, Buenaventura; 44,080 lbs, Callao; 4,516 lbs, Ancon, Cristobal; 351,412 lbs, Sonnavind, Rio Janeiro; 225,115 lbs, Steel Scientist, Palembang; 10,000 lbs, Manhattan, Reykjavik; (Santa Clara) 32,560 lbs, Buenaventura; 10,515 lbs, Guayaquil
CAUSTIC, FLAKE—56,250 lbs, Lihue, Honolulu
CYANIDE — 55,304 lbs, Guayaquil, Porto Bolivar
HYPOSULPHITE — 63,000 lbs, Taybank, Manila; 6,060 lbs, Chinese Prince, Manila
PHOSPHATE, TRI — 11,647 lbs, Caledonia, Glasgow; 11,385 lbs, Trentino, Hull; 12,400 lbs, Ancon, Cristobal
PYROPHOSPHATE — 16,286 lbs, Black Hawk, Antwerp
SAL — 2,450 lbs, Steel Scientist, Honolulu
SILICATE — 113,500 lbs, Siboney, Havana
STARCH — 14,100 lbs, Santa Inez, Callao
CORN — 14,150 lbs, Trentino, Hull; 5,000 lbs, Oriskany, Santiago; 135 lbs, Darien, Panama; 460 lbs, Steel Scientist, Manila
SULPHUR, FLOTATION — 93,600 lbs, Gypsum Empress, Windsor
TALC — 44,800 lbs, Caledonia, Glasgow; 22,406 lbs, Gloucester City, Cardiff
TANNING EXTRACT — (City of New York) 9,812 lbs, Capetown; 16,156 lbs, Port Elizabeth; 2,867 lbs, East London; 12,025 lbs, Durban
TITANIUM LITHOPONE—8,600 lbs, Trentino, Newcastle; 30,100 lbs, Britannic, London
TOLUENE — 2,000 gls, Guayaquil, Cristobal
TURPENTINE — 200 gls, Ancon, Port Prince; (Sonnavind) 1,000 ls, Rio Janeiro; 2,000 gls, Asuncion
UREA — 13,464 lbs, Ragnhildsholm, Gothenburg; 11,340 lbs, Manhattan, Havre
VARNISH — 1,820 lbs, Oslofjord, Bergen; 470 lbs, Ragnhildsholm, Malmo
WITCH HAZEL EXTRACT — 496 lbs, Ragnhildsholm, Malmo
ZINC DUST—5,075 lbs, Chinese Prince, Manila
OXIDE—16,864 lbs, Steel Scientist, Manila

Baltimore Exports

Clearance Dates

Black Condor, June 23; Capulin, June 15; Green Island, June 17; Manchester Brigade, June 17; Nankai, June 23; Rydboholm, June 16; Steel Ranger, June 17; West Imboden, June 16

ACID, CHROMIC—6,600 lbs, Black Condor, Antwerp
ANTIKNOCK AGENT—49,435 lbs, Black Condor, Amsterdam
ASBESTOS REFUSE—10,000 lbs, Capulin, London
ASPHALT, SOLID—12,400 lbs, Capulin, London; 117,995 lbs, Manchester Brigade, Liverpool
CADMIUM LITHOPONE—4,160 lbs, Capulin London
COPRA CAKE—220 tons, Rydboholm, Stockholm
FERTILIZER—30,000 lbs, West Imboden, Rio Janeiro
GLASS FRIT—40,000 lbs, Capulin, London
GREASE, LUB—2,750 lbs, West Imboden, Santos
INSECTICIDE—175 lbs, Capulin, Middlesex; 1,544 lbs, Steel Ranger, Nicosia, Cyprus
IRON SAND—99,000 lbs, Rydboholm, Helsingfors
METAL FRIT—4,300 lbs, West Imboden, Santos
OIL, LUBRICATING—76 bbls, Capulin, London; 35 bbls, Manchester Brigade, Manchester
OYSTER SHELLS, CRSHD—108 tons, Green Island, Toronto
PORCELAIN ENAMEL FRIT—1,291 lbs, Rydboholm, Oslo; 5,500 lbs, Black Condor, Antwerp
PUTTY—200 lbs, Capulin, London
RUTILE—2,204 lbs, Capulin, Hamburg
SASSAFRAS BARK—542 lbs, Capulin, London
SODA ASH—447,986 lbs, Nankai, Tientsin
CAUSTIC—112,370 lbs, Nankai, Tientsin
SUPERPHOSPHATE—1,875 tons, Green Island, Toronto
TITANIUM LITHOPONE—4,800 lbs, Capulin, Leith

Beaumont Exports

Clearance Dates

Brunswick, June 21; Burano, June 20; Fagerfjell, June 20

PETROLEUM, CRUDE—93,262 bbls, Fagerfjell, Montreal; 47,000 bbls, Burano, Venice; 100,000 bbls, Brunswick, Buenos Aires

Boston Exports

Clearance Dates

American Shipper, June 18; Capulin, June 20; Evangeline, June 20, 22; Javanese Prince, June 22; President Adams, June 15; Samaria, June 18; Spaarndam, June 21; Transylvania, June 23; Vulcania, June 26; Yarmouth, June 18, 23, 26

ALUMINA OXIDE—260 bgs, 2 bxs, and 4 kgs, 23,706 lbs, Capulin, London
SULPHATE—260 bgs, 26,000 lbs, Evangeline, Kentville, N S
BLUE, LAUNDRY—1 cs, 60 lbs, Evangeline, Halifax
CEMENT, BELT—10 bls, 1,994 lbs, Javanese Prince, Shanghai
CHEMICALS—21 dms, 777 lbs, Capulin, London
COCOA CAKE—305 bgs, 54,780 lbs, Spaarndam, Amsterdam
DRESSING, LEATHER—8 cs, 789 lbs, President Adams, Manila
DRUGS—2 crtns, 1 bg, 95 lbs, Yarmouth, St John, N B
DYES—2 dms, 50 lbs, Capulin, Frankfort
FISHMEAL—1,000 bgs, 111,000 lbs, American Shipper, Liverpool
GLUE, PHOTO-ENGRAVING — (Capulin) 4 bbls, 216 gls, London; 15 cs, 450 lbs, Hamburg
GREASE, LUBRICATING—6 dms, 3 crtns, 2 bbls, 1,666 lbs, Samaria, Liverpool
GUM, SYNTHETIC, COMP—2 half bbls, 200 lbs, Capulin, London
INK, MARKING—1 cs, 4 lbs, Samaria, Leicester
WRITING—(President Adams) 11 pkgs, Honolulu; 84 pkgs, Hongkong
INFANT'S FOOD—1 cs, 12 lbs, Vulcania, Malaga
LARD—1,340 bxs, 65,800 lbs, Samaria, Liverpool; 100 bxs, 5,600 lbs, American Shipper, Manchester; (Capulin) 1,500 bxs, 42,000 lbs, London; 50 bxs, 1,400 lbs, Dundee; 225 bxs, 9,100 lbs, Leith; 100 bxs, 5,600 lbs, Transylvania, Glasgow
LINING COMP—(Capulin) 2 dms, 979 lbs, Hamburg; 1 dm, 485 lbs, Ystad
MEDICINAL PREPS—1 cs, 6 lbs, Samaria, Leicester
OIL, LUBRICATING—5 cs, 125 gls, Samaria, Liverpool; 4 bbls, 1,638 lbs, Capulin, Hamburg; 30 dms, 8 cs, Yarmouth, St John, N B
PINETAR—1 dm, 55 gls, Yarmouth, St John, N B
RAYON—163 dms, 8,904 gls, Samaria, Liverpool
WATCH—3 bxs, 42 lbs, Capulin, London
PAINT—1 cs, 10 gls, Yarmouth, St John, N B
PASTE, ADHES—10 cs, 1,362 lbs, President Adams, Hongkong
PUTTY—10 dms, 4,265 lbs, President Adams, Manila
SILICON CARBIDE—4 kgs, 1,092 lbs, Capulin, London
SOAP—20 cs, 617 lbs, President Adams, Manila; 1 cs, 34 lbs, Samaria, Liverpool
FLAKE—(President Adams) 1 cs, 16 lbs, Kahului; 20 cs, 501 lbs, Hilo; 60 cs, 1,001 lbs, Honolulu; 5 cs, 167 lbs, Port Allen; 20 cs, 598 lbs, Manila
POWDER—(President Adams) 115 cs, 4,355 lbs, Kahului; 90 cs, 3,408 lbs, Hilo; 200 cs, 7,575 lbs, Honolulu; 45 cs, 1,704 lbs, Port Allen; 10 cs, 462 lbs, Manila
TAR—(President Adams) 40 cs, 1,000 lbs, Kahului; 30 cs, 746 lbs, Hilo; 35 cs, 875 lbs, Port Allen; 15 cs, 375 lbs, Nawiliwili; 700 cs, 23,125 lbs, Manila
TOILET—(President Adams) 40 cs, 950 lbs, Kahului; 90 cs, 2,137 lbs, Hilo; 400 cs, 9,500 lbs, Honolulu; 40 cs, 930 lbs, Port Allen; 20 cs, 475 lbs, Nawiliwili; 1,000 cs, 27,500 lbs, Manila
SODA, BICARBONATE—40 bbls, and 100 kgs, 33,920 lbs, Yarmouth, St John, N B
SULPHUR, GRD—400 bgs, 40,000 lbs, Evangeline, Kentville, N S
VARNISH, ASPHALT—2 dms, 62 lbs, Yarmouth, St John, N B
PRINTING—4 cs, President Adams, Manila
SHOE—3 dms, 165 gls, Capulin, Hamburg
WASHING COMP—30 dms, 1,500 lbs, Yarmouth, St John, N B
POWDER—12 bbls, 2,400 lbs, President Adams, Manila
WATER, MINERAL—1 cs, 12 gls, Evangeline, Yarmouth
WAX, SHOE—1 bbl, 150 lbs, Yarmouth, St John, N B

Galveston Exports

Clearance Dates

Delaware, June 17; Endicott, June 15; Floride, June 17; Laura C, June 15; Norden, June 15; Tabor, June 16; Vigor, June 15

BLACK, CARBON—1 ton, Norden, Darien; (Endicott) 1 ton, Havre; 2 cs, Antwerp; 50 cs, Laura C, Trieste; 75 tons, Tabor, Gdynia; 100 cs, Delaware, Copenhagen; 200 cs, Monfiore, Genoa
BLOOD, DRIED—(Floride) 150 tons, Havre; 150 tons, Dunkirk
LARD—1,000 lbs, Delaware, Gdynia
OIL, GAS—8,000 tons, Vigor, Avonmouth
SULPHUR—30 tons, Tabor, Gdynia

Houston Exports

Clearance Dates

Delaware, June 18; Endicott, June 17; Floride, June 16; Idarwald, June 17; Monfiore, June 15; Refast, June 16; Regent Lion, June 20; San Adolfo, June 16; San Amado, June 20; San Casimiro, June 21; Spencer Kellogg, June 21; Tabor, June 15; Urano, June 17; Vav, June 18

ASPHALT—20 dms, Tabor, Copenhagen
BLACK, CARBON—(Tabor) 800 bgs, Gothenburg; 6,000 bgs, Gdynia; 150 cs, 500 bgs, Monfiore, Genoa; 200 tons, Floride, Havre; (Endicott) 125 cs, 4,600 bgs, Havre; 105 cs, 2,240 bgs, Antwerp; (Idarwald) 100 tons, Bremen; 25 tons, Hamburg; 50 tons, Delaware, Copenhagen
GASOLINE—53,500 bbls, Refast, France; 5,000 tons, San Adolfo, United Kingdom; 8,000 tons, Vav, United Kingdom; 11,500 tons, Regent Lion, Coryton-River Thames-Avonmouth; 10,450 tons, San Amado, United Kingdom
LUBRICANTS—(Tabor) 220 pkgs, Oslo; 116 pkgs, Copenhagen
OIL, FUEL—6,800 tons, Urano, La Spezia; 48,000 bbls, Spencer Kellogg, Havana
GAS—10,700 tons, San Casimiro, United Kingdom
LUBRICATING—(Monfiore) 65 bbls, Phillipeville; 65 bbls, Casablanca; 65 bbls, Oran; 500 tons, Vado; 5,450 tons, San Adolfo, United Kingdom; 100 dms, Floride, Havre

Lake Charles Exports

Clearance Date

Almeria Lykes, June 18

SOAP—10 cs, Almeria Lykes, San Juan

Los Angeles Exports

Clearance Dates

Abraham Lincoln, June 4; Albertolite, June 12; Anniston City, June 10; Captain A F Lucas, June 13; Chisonne, June 7; Condor, June 4; Cuba, June 14; Drechtdijk, June 4; Fenris, June 11; Havkong, June 6; Heiyo, June 10; Heranger, June 13; Hoegh Giant, June 10; Hopecastle, June 13; Kinai, June 11; Leikanger, June 10; Mariposa, May 25; Norfolk, June 9; Orion, June 10; Pacific Ranger, June 8; President Cleveland, June 13; President Coolidge, June 13; San Mateo, June 9; Sanyo, June 13; Toorak, June 10; Tsuyama, June 7; Yamakaze, June 10

ACID, BENZOIC—100 lbs, Hopecastle, Hongkong
BORIC — 660 bgs, 73,920 lbs, Abraham Lincoln, London; 400 bgs, 44,800 lbs, Anniston City, Liverpool; 60 bgs, 6,620 lbs, Sanyo, Rio de Janeiro
SULPHURIC—6,250 lbs, Hopecastle, Manila
ASPHALT—36 bbls, 15,320 lbs, Drechtdijk, London
GILSONITE—2,120 lbs, Hopecastle, Hongkong
LIQUID—59 dms, 25,080 lbs, Leikanger, Buenos Aires
BORATE — (Abraham Lincoln) 11,400 bgs, 1,490,636 lbs, London; 4,193 bgs, 622,990 lbs, Liverpool; 1,220 bgs, 134,500 lbs, Sanyo, Santos
BORAX—(Drechtdijk) 100 bgs, 11,200 lbs, London; 395 bgs, 44,140 lbs, Portugal; 400 bgs, 44,800 lbs, London; 400 bgs, 44,800 lbs, Chisonne, Istanbul; 98 bgs, 10,980 lbs, Heiyo, Osaka; 3,880 bgs, 448,000 lbs, Anniston City, Liverpool; (Kinai) 100 sks, 11,030 lbs, Yokohama; 1,500 sks, 165,380 lbs, Osaka; 1,000 bgs, 112,000 lbs, Yokohama-Osaka-Kobe; (Cuba) 2,000 bgs, 220,000 lbs, Osaka; 200 bgs, 22,050 lbs, Dairen; (Hoegh Transporter) 85,120 lbs, Bombay; 16,800 lbs, Karachi; 2,240 lbs, Navlakhi
BUTYL ACETATE — 12,030 lbs, Hopecastle, Hongkong
CLAY, GRD — 400 lbs, San Mateo, Havre
CLEANER — 4,200 lbs, Skjelbred, Cristobal
LIQUID — 11,700 lbs, Drechtdijk, Rotterdam
COBALT ACETATE — 300 lbs, Hopecastle, Hongkong
ETHYL ACETATE — 29,770 lbs, Hopecastle, Hongkong
LACTATE — 1,280 lbs, Hopecastle, Hongkong
FILM SCRAP — 8,890 lbs, Abraham Lincoln, London
GASOLINE — 6,213 bbls, 1,621,590 lbs, Orion, Yokohama; 72 dms, 23,750 lbs, Condor, La Paz; 300 dms, 98,920 lbs, Hoegh Transporter, Manila
AVIATION — 500 dms, 164,690 lbs, Havkong, Manila
ETHYL—500 dms, 164,690 lbs, Hoegh Transporter, Manila
GREASE — (Hoegh Transporter) 16 cs, 580 lbs, Sourabaya; 43 cs, 1,650 lbs, Batavia; 26 cs, 900 lbs, Belawan
INFUSORIAL EARTH — (Drechtdijk) 13,600 lbs, Liverpool; 1,066 bgs, 105,660 lbs, London; 330 bgs, 33,000 lbs, Amsterdam; 11 bgs, 1,120 lbs, Abraham Lincoln, Oslo; 20 bgs, 2,000 lbs, Pacific Ranger, Vancouver; (Tsuyama) 4,000 lbs, La Guaira; 20,000 lbs, Havana; 32,600 lbs, Yamakaza, Rio Janeiro; (Chisonne) 550 bgs, 55,000 lbs, Marseilles; 22,000 lbs, Constanza; 56,120 lbs, Jugoslavia; 42,630 lbs, Anniston City, London; (Sanyo) 44,000 lbs, Buenos Aires; 68,000 lbs, Santos; 66,100 lbs, San Mateo, Havre
KEROSENE — 50 cs, 3 dms, 5,680 lbs, Condor, Puntarenas; 3,000 cs, 255,000 lbs, Hoegh Transporter, Penang
LACQUER — 5,200 lbs Condor, Mexico; 760 lbs, President Coolidge, Bangkok
THINNER — 900 lbs, San Mateo, Santiago; 480 lbs, President Coolidge, Bangkok
LARD, STRST—2,500 lbs, President Cleveland, Manila
METHYL ETHYL KETONE—69,530 lbs, Cuba, Yokohama
MINERAL SPTS—50 dms, 16,920 lbs, Leikanger, Buenos Aires
OIL, CASTOR—820 lbs, Hopecastle, Hongkong
CHINAWOOD — 240 lbs, Hopecastle, Hongkong
COTTONSEED, REFD—3,460 lbs, President Cleveland, Manila
DIESEL—31,820 bbls, 9,927,840 lbs, Toorak, Manila-Cebu; 72,963 bbls, 22,764,460 lbs, Hoegh Giant, Osaka; 42,310 bbls, 13,200,720 Havkong, Tsurumi-Osaka
FUEL—51,981 bbls, 17,309,670 lbs, Toorak, Hongkong; 31,818 bbls, 10,595,390 lbs, Hoegh Giant, Osaka; 35,006 bbls, 11,656,990 lbs, Captain A F Lucas, Guaymas
LEMON—600 lbs, Anniston City, London
LUBRICATING—(Condor) 12 dms, 5,820 lbs, Managua; 10 dms, 5,040 lbs, Callao; 1,318 cs, 60,920 lbs, Cuba, Yokohama; (San Mateo) 30 bbls, 14,770 lbs, Havre; 70 bbls, Dunkirk; (Hoegh Transporter) 77 cs, 20,180 lbs, Sourabaya; 27,550 lbs, Batavia; 17,460 lbs, Belawan
PINETAR—1,600 lbs, Hopecastle, Hongkong
SARDINE, REFD — 500 lbs, Hopecastle, Hongkong
PAINT—1,020 lbs, Norfolk, Callao; 850 lbs, San Mateo, Santiago
ENAMEL—6,500 lbs, Condor, Mexico
THINNER—1,600 lbs, Condor, Mexico
PECTIN, CITROUS—1,400 lbs, Anniston City, London
PETROLEUM, CRUDE—63,639 bbls, 19,855,370 lbs, Albertolite, Ioco; 79,400 bbls, 24,772,800 lbs, Orion, Yokohama; 103,534 bbls, 32,302,610 lbs, Fenris, Gennen
POTASH MURIATE — 240,000 lbs, Hoegh Transporter, Cebu
ROSIN, GUM—112,180 lbs, Kinai, Osaka; 10,000 lbs, Cuba, Osaka
SOAP, TOILET—950 lbs, President Coolidge, Shanghai
SODA, ASH—55,000 lbs, Yamakaze, Rio Janeiro; 672,000 lbs, Hopecastle, Shanghai; 714,860 lbs, Sanyo, Rio Janeiro; 6,000 lbs, President Cleveland, Manila; (Hoegh Transporter) 20,000 lbs, Sourabaya; 13,200 lbs, Batavia; 67,200 lbs, Bombay
BICARBONATE—5,000 lbs, Norfolk, Guayaquil
PHOSPHATE TRI—5,200 lbs, Mariposa, Christchurch
SAL—800 lbs, President Cleveland, Manila
SULPHITE—1,130 lbs, President Cleveland, Manila
TALC—2,000 lbs, Norfolk, Buenaventura; 11,200 lbs, Hoegh Transporter, Manila
TOILET PREPS—2,250 lbs, Tsuyama, Caracas; 300 lbs, Norfolk, Panama; 300 lbs, Chisonne, Aruba
ZINC SULPHIDE—600 lbs, Hopecastle, Hongkong

Mobile Exports

Clearance Date

Lindvangen, June 21

BARYTES, GRD—6,000 paper bgs, Lindvangen, Port of Spain
CLEANER—25 bbls, Lindvangen, Kingston
NITRATE—112 bgs, Lindvangen, Kingston
PRESERVER, WOOD—2 dms, Lindvangen, Kingston
TURPENTINE, GUM—14 dms, Lindvangen, Bridgetown

New Orleans Exports

Clearance Dates

Ada O, June 6; Anhalt, June 9; Baja California, June 3; Cefalu, June 14; Contessa, June 7; Gansfjord, June 14; Laura C, June 9; Morazan, June 9; Port Antonio, June 15; Santa Marta, June 7; Sinaloa, June 10; Speybank, June 6; Tegucigalpa, June 1; Vestvangen, June 7

ASPHALT—(Cefalu) 70 dms, Corinto; 468 dms, Valparaiso
BLACK, CARBON—(Speybank) 1 ton, Brisbane; 38 tons, Sydney; 17 tons, Melbourne; 40 etns, Tegucigalpa, Tampico; 72 tons, Ada O, Genoa
BORAX—6 tons, Morazan, Vera Cruz
CALCIMINE—23 dms, Santa Marta, Puerto Cortez
CALCIUM CARBIDE—500 dms, Cefalu, Puerto Cabezas
PHOSPHATE—10 bbls, Tegucigalpa, Tampico
COALTAR—1 dm, 10 cs, 10 kegs, Santa Marta, Porto Barrios
DISTILLATE—150 dms, Cefalu, Ceiba
DRESSING, LEATHER—7 tons, Tegucigalpa, Tampico
DYES—1 ton, Cefalu, Havana
FERROMANGANESE—93 bbls, Tegucigalpa, Vera Cruz
FIRECLAY—7 tons, Anhalt, Dunedin; (Port Antonio) 15 dms, Puerto Colombia; 1 ton, Cartagena
FULLER'S EARTH—2,200 sks, Tegucigalpa, Tampico
GASOLINE—35 dms, Baja California, Bluefields; 100 cs, 50 dms, Sinaloa, Bluefields; (Gansfjord) 500 dms, 130 bbls, Puerto Barrios; 401 cs, 50 dms, Tela; 200 cs, 150 dms, Puerto Castilla
GLUCOSE—(Anhalt) 10 tons, Wellington; 5 tons, Dunedin
GREASE, LUBRICATING—645 bbls, Laura C, Fiume; (Cefalu) 50 qtr dms, 5 half dms, Havana; 2 dms, Contessa, Puerto Cabezas; 5 dms, 3 etns, Gansfjord, Kingston
INK—5 dms, 4 kits, Cefalu, Havana; 8 dms, Contessa, Havana
INVALID'S FOOD—(Vestvangen) 10 bxs, La Guaira; 25 bxs, La Guaira
KEROSENE—(Vestvangen) 2,500 cs, Port au Prince; 200 cs, Willemstad; 75 cs, Moengo; 5 cs, Cefalu, Puerto Cabezas; 2 dms, Contessa, Ceiba; 50 cs, Baja California, Bluefields; 60 cs, Sinaloa, Bluefields; (Gansfjord) 50 dms, Belize; 65 dms, Puerto Barrios; 700 cs, Puerto Castilla
LARD—(Vestvangen) 200 cans, Ciudad Trujillo; 100 tins, Puerto Cabello; 200 cans, 600 tins, La Guaira; 1,150 tins, Tegucigalpa, Tampico; 200 tins, Morazan, Vera Cruz; 50 dms, Cefalu, Havana; 57 crts, Gansfjord, Belize; (Port Antonio) 270 tins, 25 crts, 600 dms, Santiago; 500 tins, Puerto Colombia; 50 tins, Cartagena
LICORICE MASS—1 ton, Morazan, Vera Cruz
LIME—4,636 sks, Gansfjord, Kingston
MOLASSES—367 bbls, Laura C, Venice
OIL, DIESEL—553 bbls, Vestvangen, Moengo
FUEL — 1,000 bbls, Vestvangen, Moengo; 1,000 bbls, Cefalu, Ceiba; 1,000 bbls, Contessa, Ceiba; 100 dms, Santa Marta, Puerto Cortez; 30 dms, Sinaloa, Bluefields; 500 dms, Gansfjord, Belize
GAS—250 dms, Gansfjord, Belize
LUBRICATING — (Speybank) 3 tons, Brisbane; 20 tons, Sydney; 18 tons, Melbourne; (Anhalt) 26 tons, Auckland; 44 tons, Wellington; 13 tons, Lyttelton; 17 tons, Dunedin; (Tegucigalpa) 42 dms, Tampico; 65 dms, Alvaro Obregon; (Laura C) 1 cs, Istanbul; 130 bbls, Venice; 216 dms, Naples; 652 tons, Ada O, Genoa; (Cefalu) 25 dms, 3 etns, Havana; 52 dms, 5 etns, Puerto Cabezas; 17 dms, Ceiba; (Contessa) 8 dms, Puerto Cabezas; 7 dms, Ceiba; 60 etns, Santa Marta, Puerto Cortez; 5 dms, Gansfjord, Kingston
PINE—5 tons, Speybank, Melbourne
REFINED—15 dms, Gansfjord, Puerto Barrios
PAINT—(Cefalu) 27 cs, Havana; 2 tons, Buenaventura; (Contessa) 29 etns, Colon; 1 ton, Panama City; 12 dms, Ceiba
PARAFFIN — (Laura C) 127 sx, 190 bbls, Trieste; 3,969 sx, Venice; 1,985 sx, Naples; 200 sx, Contessa, Valparaiso; 100 sx, Santa Marta, Puerto Cortez
PEPPER, BLACK—50 sx, Vestvangen, Ciudad Trujillo
PINETAR—(Speybank) 5 tons, Sydney; 5 tons, Melbourne; 10 dms, Contessa, Havana
PITCH—10 tons, Speybank, Melbourne
PRESERVER, WOOD—30 dms, Cefalu, Ceiba
ROSIN—(Vestvangen) 10 dms, Puerto Cabello; 10 dms, La Guaira; (Speybank) 1 ton, Brisbane; 5 tons, Sydney; 10 tons, Melbourne; 1 ton, Adelaide; (Anhalt) 59 tons, Auckland; 18 tons, Wellington; 1 ton, Lyttelton; 23 tons, Dunedin; (Port Antonio) 15 dms, Santiago; 130 dms, Cartagena
WOOD—(Cefalu) 58 dms, Havana; 10 dms, Panama; (Contessa) 23 dms, Panama City; 150 dms, Talcahuano
SALT—55 tons, Cefalu, Havana; 2 tons, Contessa, Ceiba; 14 tons, Sinaloa, Bluefields; 2 tons, Port Antonio, Santiago
SOAP—50 etns, Cefalu, Puerto Cabezas; 200 etns, Contessa, Puerto Cabezas
SODA, CAUSTIC—65 dms, Cefalu, Havana
SULPHATE—36 bbls, Tegucigalpa, Tampico
STARCH—30 sx, Contessa, Havana
STEARIN—100 sx, Contessa, Havana
TURPENTINE—(Speybank) 5 tons, Sydney; 4 tons, Melbourne; 4 tons, Adelaide; (Anhalt) 12 tons, Auckland; 3 tons, Wellington; 2 tons, Lyttelton; 2 tons, Ada O, Genoa; 4 dms, Contessa, Colon

Norfolk Exports

Clearance Dates

Manchester Brigade, June 20

SILICA, GRD—210 bgs, 5 kgs, 48,210 lbs, Manchester Brigade, Manchester
TANNING EXTRACT—320 bbls, 310,438 lbs, Manchester Brigade, Liverpool

Philadelphia Exports

Clearance Dates

Asosan, June 20; Barbara, June 23; Birmania, June 20; Black Falcon, June 18; City of Florence, June 18; Gypsum Prince, June 21; Independence Hall, June 22; Lehigh, June 17; Northumberland, June 21; Otto Petersen, June 24; San Bernardino, June 18; Sarcoxie, June 20; Scanstates, June 18; Waggenwald, June 21; Weltevreden, June 20; West Humhaw, June 21

ACID, MURIATIC—2 crbys, San Bernardino, Arequipa via Mollendo
ALCOHOL, ETHYL—195 bbls, Barbara, San Juan
ALUMINA SULPHATE—40 bgs, San Bernardino, Buenaventura
AMMONIA, ANHYDR—4 cyls, San Bernardino, Mazatlan
ANTI-KNOCK COMP—1 bx, Birmania, Naples
ASBESTOS FIBER, CRUDE—3 bgs, Sarcoxie, Hamburg
BLACK, BONE—10 bgs, 1 dm, Scanstates, Gothenburg; 10 bgs, City of Florence, Bombay; 6 bgs, Northumberland, Sydney
CEMENT, GASKET—5 cs, City of Florence, Beyrouth
WATERPROOF—2 bxs, City of Florence, Karachi
CLEANER—10 dms, Scanstates, Copenhagen; 5 bbls, City of Florence, Calcutta
COCOA CAKE—1,280 bgs, Black Falcon, Amsterdam
WASTE—451 bgs, Black Falcon, Amsterdam
COKE, PITCH—3,903 tons, Otto Petersen, Caronte
COTTON LINTERS—167 bls, Birmania, Genoa
DRESSING, SHOE, WHITE—13 etns, San Bernardino, Panama
ETHYL FLUID—45 dms, Waggenwald, Hamburg
FIRECLAY — 16 kgs, Independence Hall, Havre
FIRE EXTINGUISHER COMP—220 dms, Birmania, Naples
GASOLINE—(West Humhaw) 3,500 cs, Dakar; 2,500 cs, Conakry; 1,580 cs, Freetown; 5,500 cs, Port Bouet; 8,000 cs, 70 dms, Takoradi; 2,000 cs, Canecoast; 3,000 cs, Winnebah; 30 dms, 4,500 cs, Accra; 500 cs, Lome; 8,000 cs, Lagos; 1,000 cs, Duala; 1,500 cs, Kribe; 2,500 cs, 100 dms, San Thome; 75 cs, Libreville; 1 cs, Waggenwald, Hamburg

GREASE, LUBRICATING—16 pkgs, Lehigh, Manchester; (Scanstates) 3 bbls, 3 dms, Gothenburg; 2 bbls, 1 bx, Helsingfors; (San Bernardino) 5 and one quarter dms, Pimentel; 25 dms, 37 cs, 1 bx, 1 pl, Bucaramanga; 13 cs, 8 dms, Weltevreden, Singapore; 10 bbls, Independence Hall, Havre; 13 ctns, 16 cs, 4 dms, Birmania, Durazzo; (West Humhaw) 35 cs, 3 dms, Dakar; 5 cs, Libreville; 15 cs, Port Gentil; (Northumberland) 6 bbls, 1 dm, Sydney; 8 dms, Fremantle

INK, SHOE—7 ctns, San Bernardino, Cristobal

INSECTICIDE, HOUSEHOLD—1 cs, San Bernardino, Paita; 13 dms, City of Florence, Beyrouth; 32 ctns, 15 dms, Birmania, Durazzo

ISO OCTANE—4 cs, Black Falcon, Antwerp

LACQUER, REDUCING COMPOUND — 10 dms, San Bernardino, Santiago

LICORICE PASTE—(Black Falcon) 15 cs, Rotterdam; 40 cs, Antwerp

MEDICINAL PREPS—6 ctns, San Bernardino, Panama; (City of Florence) 47 bxs, Bombay; 4 bxs, Colombo; 7 bxs, Madras; 1 cs, Cocanada; 6 cs, 5 bxs, Karachi; 5 cs, 10 bxs, Calcutta; 3 bxs, Rangoon; 10 bxs, 1 ctn, 1 kg, Northumberland, Sydney

NITROCELLULOSE — 1 bx, Weltevreden, Sourabaya; 2 bbls, Wasgenwald, Hamburg

OIL, CAMPHOR, WHITE — 3 dms, Lehigh, Liverpool

FUEL—(West Humhaw) 50 dms, Port Bouet; 50 dms, Winnebah; 200 dms, Accra

ILLUMINATING — (West Humhaw) 1,000 cs, Dakar; 625 cs, Conakry; 500 cs, Freetown; 725 cs, Port Bouet; 600 cs, 50 dms, Takoradi; 250 cs, Capecoast; 250 cs, Winnebah; 600 cs, Accra; 250 cs, Duala; 500 cs, Kribe; 250 cs, San Thome

LUBRICATING — 300 dms, 24 bbls, Lehigh, Glasgow; (Black Falcon) 1,084 bbls, Rotterdam; 29 dms, 557 bbls, Antwerp; (Scanstates) 76 dms, 1 crate, Gothenburg; 15 bbls, 100 dms, Copenhagen; 54 dms, 170 bbls, 32 cs, Gdynia; 130 dms, 25 bbls, Stockholm; 3 dms, Helsingfors; (San Bernardino) 6 dms, Mollendo; 54 dms, Callao; 20 dms, 2 cs, 2 ctns, Paita; 13 dms, 3 qtr dms, Pimental; 5 dms, Pico; 5 dms, Livingston; 24 dms, Colombia; 10 dms, 60 ctns, Barranquilla; 5 dms, Puerto Colombia; 4 dms, Bucaramanga; 10 dms, Cartagena; (Weltevreden) 322 pkgs, 5 bbls, 570 cs, Singapore; 192 dms, 15 cs, Bangkok; 575 dms, Penang; 538 pkgs, Port Swettenham; 310 cs, Batavia; 26 pkgs, Palembang; (City of Florence) 1,246 dms, 1 bx, 100 pls, 2,120 cs, Bombay; 65 dms, 600 pkgs, Madras; 46 dms, Pondicherry; 953 dms, 185 pkgs, 1,530 cs, Calcutta; 245 pkgs, Colombo; 823 pkgs, Rangoon; 395 cs, 80 dms, Basra; 125 dms, 52 cs, Port Said; 150 pkgs, Karachi; (Birmania) 547 bbls, Genoa; 265 bbls, 12 dms, Naples; 80 dms, Durres; 10 dms, 20 ctns, Durazzo; 45 ctns, Scutari; 7 dms, 32 ctns, Korce; 63 ctns, 47 dms, Beyrouth; 25 dms, Susah; 29 bbls, 499 dms, Bos Brod; (West Humhaw) 134 cs, 5 dms, Dakar; 100 cs, 2 dms, Bamako; 5 cs, Monrovia; 100 dms, 314 cs, Port Bouet; 50 cs, 295 dms, Takoradi; 8 dms, Capecoast; 85 dms, Winnebah; 25 cs, 65 dms, Accra; 5 dms, Kumasi; 155 dms, 217 cs, Lagos; 29 cs, 13 dms, Duala; 60 cs, 10 dms, Kribe; 129 cs, 31 dms, Libreville; 36 dms, 250 cs, Port Gentil; 26 dms, 3 cs, Pointe Noire; 75 dms, 35 cs, Matadi; 50 cs, Usumbra; 10 dms, 10 cs, Costermansville; 50 cs, Boma; 35 cs, Jadotville; 20 dms, Kilomoto; 75 dms, 303 cs, Leo; 25 dms, 20 cs, Elizabethville; 45 dms, Brazzaville; 6 dms, 4 cs, 249 bbls, Wasgenwald, Hamburg; (Northumberland) 98 dms, Sydney; 1,529 dms, 10 bbls, Melbourne; 168 dms, 30 qtr dms, Fremantle; 17 dms, Adelaide; 30 dms, Brisbane

NEATSFOOT — 6 bbls, Independence Hall, Havre

OYSTER SHELLS, GRD — 4 bgs, San Bernardino, Cristobal

PAINT, ASPHALT, BLACK — 1 dm, Scanstates, Gothenburg

PARAFFIN — 228 bbls, Lehigh, Liverpool; (Black Falcon) 168 bbls, Rotterdam; 504 bbls, Antwerp; (Scanstates) 10 bgs, Copenhagen; 84 bbls, Stockholm; 156 bgs, San Bernardino, La Plaz; 42 bbls, Wasgenwald, Hamburg

REFINED — 50 bgs, West Humhaw, Dakar

SCALE — 128 bbls, Lehigh, Glasgow

POLISH, AUTO — 1 cs, San Bernardino, Paita; 3 cs, City of Florence, Bombay

METAL, PASTE — 3 cs, San Bernardino, Cristobal

SHOE — 35 ctns, San Bernardino, Panama

PRIMER — 1 pl, San Bernardino, Cristobal

PYROXYLIN — 11 bbls, Wasgenwald, Hamburg

RESIN PLASTISIZER — 10 dms, Black Falcon, Rotterdam

SYNTH—77 dms, 98 cans, Wassenwald, Hamburg; 1 bx, 1 dm, Black Falcon, Rotterdam

ROSIN ESTER — 3 dms, Black Falcon, Rotterdam

SODA, ASH — 2 dms, Scanstates, Gothenburg; 1 dm, 1 bx, City of Florence, Bombay

CYANIDE — 1 bx, Scanstates, Gothenburg

SULPHUR, FLOTATION — 200 bbls, Gypsum Prince, Windsor

SURFACER — 1 hlf dm, San Bernardino, Cristobal

TANNER'S BATE — 3 bbls, San Bernardino, Arequipa

EXTRACT — 30 bgs, Wasgenwald, Hamburg

TOLUOL — 60 dms, Asosan Maru, Yokohama

VARNISH, TRANSPARENT — 4 cs, Northumberland, Melbourne

WAX, POLISHING — 1 cs, City of Florence, Bombay

WHITE PINE BARK — 1 bl, Northumberland, Fremantle

Port Arthur Exports

Clearance Dates

Alexandra Hoegh, June 13; Alfred Olsen, June 16; Almeria Lykes, June 14; Dentice, June 16; Florida, June 16; Floride, June 10; Herbrand, June 16; Husvik, June 11; Katrine Maersk, June 15; Minister Wedel, June 11; Roxane, June 13

ASPHALT — 20 cs, Husvik, Ceara; 30 dms, Florida, Amsterdam

LIQUID—(Husvik) 1 bx, Cabedello; 2 bxs, Para; (Almeria Lykes) 1 bx, Aguadilla; 1 bx, Arecibo

SOLID—1,369 dms, 335 bbls, Floride, Antwerp; (Almeria Lykes) 100 dms, San Juan; 50 dms, Ponce; 35 dms, Mayaguez; 240 dms, Arecibo; 12 dms, Herbrand, Buenos Aires

CLEANER—15 cs, Almeria Lykes, San Juan

DRESSING WAX, LIQ—10 cs, Almeria Lykes, San Juan

GASOLINE—(Husvik) 600 bbls, La Guaira; 400 bbls, Guanta; 12,811 cs, Cabedello; 10,000 cs, 75 dms, Ceara; 3,812 cs, 75 dms, Natal; 1,050 dms, 3,500 cs, Para; 500 bbls, Cayenne; 157 bbls, Almeria Lykes, San Juan; 48,103 bbls, Katrine Maersk, Bilbao; 89,099 bbls, Alfred Olsen, Copenhagen; 250 cs, Herbrand, Buenos Aires; (Florida) 44,365 bbls, Amsterdam; 19,716 bbls, Thameshaven

GREASE, LUBRICATING—(Husvik) 2 bbls, 7 kgs, 13 cs, Cabedello; 2 bbls, 305 cs, Ceara; 2 dms, 8 kgs, 57 cs, Natal; 55 cs, Para; (Almeria Lykes) 3 cs, 3 pls, 3 ctns, Mayaguez; 8 cs, Aguadilla; 5 pls, Arecibo; 18 dms, 92 cs, 4 ctns, Almeria Lykes, San Juan; 50 bbls, Herbrand, Buenos Aires; 263 dms, 320 cs, Floride, Amsterdam

KEROSENE—(Husvik) 6,000 cs, Ceara; 1,000 cs, Natal; 6,000 cs, Para; (Almeria Lykes) 250 cs, Fajardo; 1,000 cs, Ponce; 1,000 cs, Mayaguez; 60 cs, Aguadilla; 505 cs, Arecibo; 510 cs, San Juan; 14,479 bbls, Alfred Olsen, Copenhagen; 156 cs, 18 dms, Herbrand, Buenos Aires; 20,128 bbls, 8 dms, Florida, Amsterdam

NAPHTHA—(Husvik) 50 cs, Ceara; 200 cs, Para

OIL, DIESEL—5,939 bbls, Florida, Amsterdam

FUEL—43,960 bbls, Dentice, Palma de Majorca

GAS—76,090 bbls, Minister Wedel, Rotterdam

LUBRICATING—(Husvik) 280 cs, 102 dms, Cabedello; 155 dms, 750 cs, Ceara; 51 dms, 124 cs, Natal; 184 dms, 882 cs, Para; (Almeria Lykes) 1 bbl, 52 dms, 64 cs, Ponce; 15 dms, 14 cs, Mayaguez; 5 dms, 21 cs, Aguadilla; 10 dms, 6 cs, Arecibo; 143 dms, 322 cs, San Juan; 16,281 bbls, Katrine Maersk, Bilbao; 6,479 bbls, Alfred Olsen, Copenhagen; 866 dms, 1 cs, Herbrand, Buenos Aires; 31 bbls, 340 dms, 130 cs, Florida, Amsterdam

PETROLEUM, CRUDE—94,015 bbls, Alexandra Hoegh, Montreal; 53,832 bbls, Roxane, Port de Bouc-Etang de Berre; 106,712 bbls, Herbrand, Buenos Aires

WAX—5 cs, Florida, Amsterdam

San Francisco Exports

Clearance Dates

Anniston City, June 8; Athelchief, June 4; Chisone, June 3; Grena, June 10; J A Moffett, June 7; Kingsley, June 8; Leikanger, June 8; Norfolk, June 6; Peter Lassen, June 10; Pleasantville, June 10; San Calisco, June 8; San Mateo, June 6, Silverpalm, June 11; Skjelbred, June 7; Sveve, June 10; Tacoma, June 10; Toho, June 9; Wairuna, June 11; Warwick, June 4

ABRASIVE PAPER — 4 crts, Pleasantville, Hongkong

ACETONE—124 dms, San Mateo, Belgium; 10 dms, Silverpalm, Africa; 44 dms, Wairun, Melbourne

ACID, BATTERY—1 cs, Pleasantville, Shanghai

FATTY—40 sks, Skjelbred, Peru; 60 sks, Norfolk, Peru

AMMONIA, ANHYD — 30 cyls, San Mateo, Aruba; 40 cyls, Pleasantville, Shanghai

ANTIFREEZE SOLUT—4 cs, Wairuna, Auckland

ASPHALT—(Pleasantville) 550 dms, Singapore; 260 dms, Sourabaya; (Silverpalm), 629 dms, Africa; 200 dms, South Africa; 10 dms, Wairuna, Dunedine

GILSONITE—353 sks, Tacoma, Hamburg

LIQUID—58,000 bbls, Athelchief Thameshaven

BENZIN—(Wairuna) 25 dms, Wellington; 50 dms, Melbourne; 1 dm, Dunedin

BLACK, CARBON—2 cs, Wairuna, Wellington

CALCIMINE—8 bbls, 20 kgs, Skjelbred, Venezuela

CARBON BISULPHIDE—10 cs, Wairuna, Lyttleton

CASCARA BARK—13 sks, Wairuna, Perth

CEMENT, MAGNESIA—500 sks, Pleasantville, Manila

ROOFING—5 cs, Norfolk, Peru; 38 cs, 5 dms, 100 pls, Silverpalm, Africa; 2 cs, Wairuna, Christchurch

VULCANIZING—(Silverpalm) 20 crts, South Africa; 6 cs, Silverpalm, Beira

CHEMICALS—1 pkg, Wairuna, Wellington

CLEANER, HOUSEHOLD—1 cs, Tacoma, Colombia

SHOE—6 cs, Pleasantville, Manila

COBALT SALT—(Wairuna) 200 pkgs, Dunedin; 400 pkgs, Lyttleton; 1,200 pkgs, Napier; 600 pkgs, Wellington

COLOR, DRY—1 kg, Kingsley, Vancouver

COPRA—757 sks, Chisone, Colombia; (Norfolk) 225 sks, Panama; 1,519 sks, Chile

DIACETONE—10 dms, Silverpalm, Africa

DISINFECTANT, LIQ—12 cs, Kingsley, Vancouver

POWDER—10 cs, Kingsley, Vancouver

DRUGS, 9 pkgs, Wairuna, Wellington

DYES—2 cs, Kingsley, Shellburn

EGG YOLK, POWD — 2 bbls, Silverpalm, Panama

EMULSION, NEUTRAL—31 dms, Silverpalm, Africa

ETHER, ETHYL, TECH—1 cs, Kingsley, Vancouver

FISHMEAL—1 cs, Kingsley, Vancouver

GASOLINE—95,000 bbls, San Calisco, Lizard, England; 75,600 bbls, Sveve, Curacao; (Grena) 25,000 bbls, Manila; 12,377 bbls, Cebu; 8,560 bbls, Saigon

AVIATION — 10 dms, Kingsley, Shellburn

GLAUBER'S SALT—20 sks, Wairuna, Wellington

GLUE, FLAKE—1 dm, Wairuna, Wellington

GREASE, LUB—307 dms, 513 pls, 292 cs, Kingsley, Shellburn; (Pleasantville) 4 bbls, 1 cs, Singapore; 5 dms, 50 pls, Manila; 3 bbls, Saigon; 5 dms, Fremantle; (Wairuna) 317 dms, Melbourne; 15 dms, Lyttleton 365 dms, 20 qtr dms, Sydney

HOPS—25 bls, Tacoma, Antwerp

HYDROGEN PEROXIDE—(Wairuna) 152 cs, Wellington; 76 cs, Auckland; 18 cs, Christchurch; 12 cs, Dunedin

INK, PRINTING—(Kingsley) 6 dms, Victoria; 2 pls, 1 cs, Kingsley, Vancouver

INSECTICIDE, DRY—1 dm, Wairuna, Auckland

KEROSENE—250 cs, Peter Lassen, Puerto Armuelles; (Grena) 20,000 bbls, Manila; 10,000 bbls, Cebu; 8,569 bbls, Saigon

LACQUER—4 pls, Chisone, Italy; (Silverpalm) 33 cs, Africa; 104 cs, South Africa; (Wairuna) 39 cs, 9 pls, Wellington; 9 cs, Auckland; 18 cs, Christchurch; 11 cs, Dunedin

REMOVER—(Wairuna) 2 cs, Auckland; 2 cs, Dunedin

THINNER—(Silverpalm) 81 dms, 20 pls, 8 cs, Africa; 230 pls, 4 dms, South Africa

LEAD ACETATE—1 cs, Kingsley, Vancouver

RED—400 kgs, Pleasantville, Manila; 6 bbls, Silverpalm, Africa

WHITE—420 kgs, Pleasantville, Manila

LIME, HYDRATED — 1,600 sks, Wairuna, Auckland

LITHARGE — 36 bbls, 2 pkgs, Silverpalm, Africa

LUBRICANTS—25 cs, 20 dms, Kinsley, Shellburn

MILK POWDER—350 bbls, Anniston City, England

MILLET SEED—5 sks, Kingsley, Vancouver

MINERAL SPTS—190 dms, Norfolk, Chile; 10 dms, Pleasantville, Manila

NAPHTHA—(Wairuna) 50 dms, Wellington; 10 dms, Auckland

NITROCELLULOSE—2 dms, Kingsley, Victoria

OIL—1 cs, Tacoma, Colombia

CHINAWOOD—42 dms, Leikanger, Argentina

COCONUT—20 dms, Norfolk, Panama

COTTONSEED—5 dms, Kingsley, Vancouver

DIESEL—5,300 bbls, J A Moffett, Mazatlan; 7,522 bbls, Pleasantville, Hongkong; 7,025 bbls, Wairuna, Auckland

FISH, HARD—80 sks, Skjelbred, Jamaica

FUEL—47,600 bbls, J A Moffett, Mazatlan

LUBRICATING—25 dms, Chisone, Dar-es-salaam; 1,200 bbls, Warkick, Port Moody; 100 dms, 100 cs, Norfolk, Chile; 35 dms,

OIL, LUBRICATING (Continued):—

20 cs, Kingsley, Shellburn; 250 dms, 835 cs, Silverpalm, Africa (Pleasantville) 51 dms, Singapore; 255 dms, Shanghai; 805 dms, Cebu; 14,485 dms, Manila; 106 dms, Haiphong; 315 dms, Fremantle; 50 dms, South Africa; (Wairuna) 18 dms, Wellington; 4 dms, Auckland; 1,005 dms, 50 bbls, 420 qtr dms, Sydney; 25 dms, Lyttleton; 2 dms, Dunedin; 1,555 dms, 400 qtr dms, Melbourne

PAINT—32 pls, 20 cs, Norfolk, Peru; (San Mateo) 75 cs, Panama; 2 dms, Colombia; 17 cs, Venezuela; 43 cs, 10 kgs, Pleasantville, Manila; (Silverpalm) 60 cs, 78 pls, 5 dms, Africa; 5 cs, South Africa; 1 cs, Beira

ENAMEL—(Silverpalm) 6 cs, South Africa; 4 cs, Africa; (Wairuna) 1 cs, Lyttleton; 29 cs, Wellington; 6 cs, Auckland; 7 cs, 5 pls, Christchurch; 4 cs, Dunedin

THINNER—1 cs, Wairuna, Dunedin

REMOVER—1 cs, Wairuna, Wellington

THINNER—(Wairuna) 2 cs, Wellington; 5 dms, Dunedin

PARAFFIN—104 sks, Norfolk, Chile

PASTE, ADHES—1 dm, Kingsley, Vancouver

PECTIN, FRUIT—85 cs, Pleasantville, Shanghai

PEPPER, BLACK—30 sks, Norfolk, Mexico

PERFUMERY—1 cs, San Mateo, La Libertad

PETROLEUM—(Wairuna) 180 dms, 100 cs, Wellington; 70 dms, 50 cs, Auckland; 50 dms, Sydney; 10 dms, Dunedin

CRUDE—85,000 bbls, Toro, Tokuyama

REFINED—150 dms, Wairuna, Sydney

PIMENTO—15 sks, Wairuna, Dunedin

POLISH—(Silverpalm) 3 pls, 7 cs, South Africa; 1 cs, Africa; 1 cs, Wairuna, Dunedin

FURNITURE—50 cs, Kingsley, Shellburn

METAL—40 cs, Pleasantville, Hongkong

POTASH BUTYLXANTHATE—2 dms, Tacoma, Mollendo

ETHYLXANTHATE—6 dms, Norfolk, Chile

XANTHATE—10 dms, Kingsley, Vancouver; 40 dms, Silverpalm, Beira

PUTTY—6 cs, Silverpalm, South Africa; (Wairuna) 14 cs, Wellington; 2 cs, 3 pls, Christchurch; 3 cs, Dunedin

ROSIN, GUM—(Wairuna) 15 bbls, Wellington; 20 bbls, Auckland; 5 bbls, Dunedin

RUBBER LINING COMP—5 dms, Wairuna, Auckland

SALT—560 sks, 40 bbls, 200 blks, Kingsley, Vancouver; (Wairuna) 1,200 pkgs, Napier; 600 pkgs, Wellington

IODIZED—(Wairuna) 400 pkgs, Dunedin; 200 pkgs, Napier

SILICA, GRD—3 dms, Wairuna, Wellington

SOAP—2 cs, Tacoma, Colombia

LAUNDRY—2 cs, Pleasantville, Hongkong

SCOURING—2 cs, Pleasantville, Hongkong

TOILET—33 cs, Pleasantville, Hongkong

SODA—20 dms, 2 kegs, Pleasantville, Manila

BICARBONATE—60 sks, Norfolk, Puntarenas

CAUSTIC—16 dms, 8 crts, Skjelbred, Colombia

SODA, SILICATE—50 dms, Kingsley, Vancouver; 1 dm, Wairuna, Wellington

XANTHATE—5 dms, Kingsley, Vancouver; 9 dms, Leikanger, Peru

SPRAY, EMULSIFIED — 30 dms, Chisone, Palestine

STEARIN—100 sks, Norfolk, Peru

SULPHUR—256 sks, Kingsley, Vancouver; 20 sks, 1 cs, Pleasantville, Hongkong; 1,800 sks, Silverpalm, South Africa

DIOXIDE—10 cyls, Kingsley, Vancouver

REFINED—90 sks, Pleasantville, Hongkong; 500 sks, Silverpalm, Africa; (Wairuna) 20 sks, Lyttelton; 37 sks, Wellington

SUNFLOWER SEED—5 sks, Kingsley, Vancouver

TALLOW—173 dms, Norfolk, Guayaquil

TOILET PREPS—1 cs, Norfolk, Panama; 25 bls, Tacoma, Antwerp; 13 pkgs, Pleasantville, Manila

TREE SEAL—24 cs, Silverpalm, East Africa; 13 cs, Wairuna, Wellington

WASH—(Wairuna) 105 dms, Napier; 40 dms, Wellington

TURPENTINE—5 dms, 10 cs, Wairuna, Wellington

GUM SPIRITS—(Wairuna) 25 cs, Wellington; 25 cs, Auckland; 15 cs, Lyttelton; 20 cs, 45 dms, Dunedin

VANILLA BEANS—6 cs, Norfolk, Mexico

VARNISH—(Pleasantville) 5 dms, Manila; 10 cs, Hongkong; 2 cs, Silverpalm, South Africa

Savannah Exports

Clearance Dates

Chinese Prince, June 13; Humber Arm, June 24; Mae, June 25

CLAY—1,982 tons, Humber Arm, Dalhousie

GLUCOSE—12 bbls, Chinese Prince, Manila

ROSIN, GUM—(Chinese Prince) 200 bbls, Tientsin; 100 bbls, Batavia; 10 bbls, Penang

STARCH, CORN—100 cs, 5 bls, Chinese Prince, Manila

TURPENTINE, WOOD—24 cs, Chinese Prince, Manila

Tampa Exports

Clearance Dates

Cuba, June 11; Herman Frasch, June 13; W M Delphia, June 15

INSECTICIDE—4 dms, Cuba, Havana

GAS—1 dm, W M Delphia, Belize

GASOLINE—6 dms, W M Delphia, Belize

PHOSPHATE—2,600 tons, Herman Frasch, San Juan

Coastwise Shipments

Houston Coast Trade

BOILER COMPOUND — 5 dms, Labette, Galveston

Los Angeles Coast Trade

GASOLINE — 52,071 bbls, Deroche, Seattle; 10,045 bbls, San Diegan, San Diego; 73,132 bbls, Agwiworld, San Francisco; 10,603 bbls, Tejon, Portland; 9,189 bbls, San Diegan, San Diego; 71,719 bbls, Dirigo, Seattle; 68,110 bbls, Mojave, Portland; 113,511 bbls, Brilliant, Portland

OIL, DIESEL — 10,964 bbls, Agwiworld, San Francisco; 3,098 bbls, Tejon, Portland; 1,462 bbls, San Diegan, San Diego; 6,981 bbls, Mojave, Portland; 3,118 bbls, Brilliant, Portland

FUEL — 66,300 bbls, Antietam, Seattle; 5,229 bbls, Deroche, Seattle; 2,414 bbls, Coast Merchant, Portland; 53,660 bbls, Kanawha, San Diego; 56,561 bbls, Tejon, Portland; 8,184 bbls, Mojave, Portland

PETROLEUM, CRUDE — 79,624 bbls, Montebello, Oleum

New Orleans Coast Trade

SULPHUR — 1,400 tons, Herman F Whiton, Everett

San Francisco Coast Trade

ACID—12 tons, West Planter, Portland, Ore
10 tons, Point San Pedro, Seattle
34 tons, West Shipper, Portland, Ore

TARTARIC—12 tons, Wind Rush, New York

ALUMINA SULPHATE—20 tons, Point San Pedro, Port Angeles

ASPHALT—86 tons, Point San Pedro, Seattle

BONE MEAL — 141 tons, Point San Pedro, Seattle

CRACKLINGS—23 tons, West Shipper, Portland, Ore

LEAD—10 tons, West Shipper, Portland, Ore

NAPHTHA—1 ton, American Oriole, Seattle

OIL, LUBRICATING—28 tons, West Shipper, Portland, Ore

OLEOMARGARIN — 23 tons, West Planter, Portland, Ore
15 tons, West Shipper, Portland, Ore

PAINT—20 tons, West Shipper, Portland, Ore

PETROLEUM PRODUCTS—90 tons, Point San Pedro, Seattle

SALT—77 tons, West Planter, Portland, Ore
243 tons, Point San Pedro, Seattle
111 tons, Point San Pedro, Olympia
246 tons, West Shipper, Portland, Ore

SOAP—74 tons, Point San Pedro, Seattle

SODA, SILICATE—20 tons, American Oriole, Seattle

SPRAY, TREE — 18 tons, American Oriole, Seattle
15 tons, West Planter, Portland, Ore

SULPHUR—10 tons, American Oriole, Seattle

TALLOW—73 tons, Wind Rush, Boston

WAX—28 tons, West Shipper, Portland, Ore

Cargo Ship Arrivals

June 25 to July 8

New York

Agwistar	Tampico*	July 4
Amagisan	Kobe*	July 2
Amazone	Maracaibo*	July 4
American Banker	London	July 4
American Farmer	London*	June 28
American Importer	Manchester*	July 4
Amor	Maracaibo*	June 27
Aquitania	Southampton*	June 28
Astri	Buenos Aires*	June 27
Batory	Gdynia*	July 3
Berlin	Bremen*	June 27
Black Eagle	Rotterdam*	July 5
Black Osprey	Rotterdam*	June 28
Black Tern	Antwerp*	June 28
Bonheur	Maranham*	July 6
Borinquen	Trujillo*	July 4
Bremen	Bremen*	June 30
Britannic	Havre*	June 30
California	Glasgow*	July 4
Californian	Tacoma*	June 29
Champlain	Havre*	June 30
Chickasaw City	Honolulu	July 6
Chiriqui	Puerto Colombia*	July 7
City of Birmingham	Calcutta*	June 27
Clement	Ceara*	July 5
Coamo	Trujillo*	June 28
Collamer	Havre*	July 1
Columbus	Bremen*	June 29
Cristobal	Cristobal*	July 5
Deutschland	Hamburg*	July 8
Edwin Christenson	Portland	July 8
Estrella	Marseilles*	June 27
Europa	Bremen*	July 7
Exermont	Thessaloniki*	June 29
Exmouth	Istanbul*	July 7
Exochorda	Jaffa*	July 7
Fort Amherst	St John's*	July 7
Franconia	Liverpool*	June 28
Guido	Hull*	July 4
Gripsholm	Gothenburg	June 29
Hansa	Hamburg*	July 1
Heddernheim	Gefle*	July 5
Hegira	Seattle*	July 4
Heimgar	Marseilles*	June 29
Helgay	Sundsvall	July 6
Honomu	Honolulu*	July 5
Hollywood	Portland*	July 3
Honolulan	Portland*	July 7
Horace Luckenbach	Seattle*	June 30
Ile de France	Havre*	July 6
Iowan	Portland*	July 1
K I Luckenbach	Seattle*	July 7
Katuragi	Kobe*	June 30
Kiyosumi	Manila*	July 4
Konigstein	Antwerp	June 30
Kosei	Yokohama	July 8
Kota Tjandi	Macassar*	June 29
Kungsholm	Gothenburg*	June 29
Kuniwaka	Yokohama*	July 3
Laconia	Liverpool*	July 7
Manhattan	Hamburg*	July 7
Marchen Maersk	Manila*	July 7
Massmar	Grays Harbor*	July 4
Mexico	Vera Cruz*	June 28
Mormacsun	Copenhagen*	June 29
Munargo	Havana*	July 7
Musa	Puerto Barrios*	June 30
Nerissa	Trinidad*	July 6
New Toronto	Lagos*	July 8
Nieuw Amsterdam	Rotterdam*	June 29
Nordkap	Buenos Aires*	July 5
Normandie	Havre*	June 27
Noto	Hongkong*	June 29
Oklahoman	Valparaiso*	June 27
Olga S	Antwerp*	July 2
Orizaba	Vera Cruz*	July 5
Padnsay	Takoradi*	July 7
Paula	Coquimbo*	June 30
Pennsylvania	Tacoma*	July 4
Pipestone County	Dunkirk*	July 8
Ponce	La Romana*	July 4
President Harrison	Honolulu*	July 4
President Harding	Hamburg*	July 2
Puerto Rico	Ponce*	June 29
Queen Mary	Southampton*	July 4
Quirigua	Cristobal*	July 3
Rex	Genoa*	June 30
Robin Gray	Mombasa*	July 4
Roma	Genoa*	June 28
Sage Brush	Seattle	June 27
San Jacinto	Mayaguez*	July 7
Santa Elena	Curacao*	July 4
Santa Lucia	San Antonio*	June 27
Santa Maria	San Antonio*	July 4
Santa Paula	Curacao*	June 27
Scanyork	Gdynia*	June 29
Seatrain Havana	New Orleans*	June 28
Seatrain New York	New Orleans*	July 5
Stavangerfjord	Oslo*	June 27
St Louis	Hamburg*	July 6
Tai Ping Yang	Moji*	June 30
Texas Trader	Houston*	July 5
The Angeles	Buenos Aires*	July 2
Toronto City	Fowey	July 6
Tuscania	Glasgow	June 30
Unicol	Calcutta*	July 6
Van Rensselaer	Paramaribo*	June 27
Veragua	Puerto Colombia*	June 30
Vinni	Kobe*	July 7
Volendam	Rotterdam*	July 4
W R Keever	Seattle*	July 5
Wales	Kobe*	July 5
Washington	Portland*	July 2
Westernland	Antwerp*	July 5
Western Prince	Buenos Aires*	July 6
Wichita	Sydney*	June 27
Yamakaze	Yokohama*	June 27

* And other ports

Business Wants and Offers

Minimum rate (36 words), without display, $2.00 per insertion; 25c for each additional 6 words

Payable in advance at 59 John Street, New York

Equipment Offered

TWO solid nickel jacketed agitated vacuum stills, practically new; 1 50-gal., 1 100-gal., 12 vacuum dryers, shelf and rotary type; 9 W. & P. mixers; 5 Sweetland filters; 20 plate type filter presses; 30 centrifugal machines; miscellaneous: rotary dryers, pulverizers, jacketed kettles, etc. Send for complete listing. We buy and sell from a single item to a complete plant. Consolidated Products Co., Inc., 15-17-19 Park Row, New York City.

FOR SALE—Two 6x8 pebble mills, 16x40 roller mills, 12x30 roller mills, 9x24 roller mills, 15 to 40-gallon pony mixers, lead mixers. Sell us your surplus equipment. Irving Barcan Company, 30 Church street, New York City.

SEVERAL HUNDRED Hackney and Detroit barrel shape drums galvanized iron full removable covers. Will sell either reconditioned or as-is. BOX 904, Oil, Paint and Drug Reporter.

LIQUIDATING SEVERAL large plants—4 600 gal. Buffalo vac. crystallizers; jack. agit. vac. stills from 25 to 2,000 gals. glass lined and steel; storage tanks from 25 to 2,100 gals., glass lined and steel; 3 ft. x 15 ft. rotary vac. dryer; Hardinge conical mill 6 ft. x 36 in.; pebble and jar mills from lab. to 250 gals. capacity; Anderson Duo red lion expeller; filter presses up to 36 in. square; Stedman 42 in. disintegrator; W. & P. jack. mixer, size 15; tablet machines ½ in. to 2 in. single punch and rotary. Mixers, crushers, pulverizers, roller mills, etc. Send for complete listing. We buy your surplus machinery. Stein Equipment Corp., 426 Broome street, New York City.

Equipment Wanted

TABLET MACHINES, oscillating granulators, paper shredders, belt conveyors, Day mixers, Hobart type mixers, laboratory scales, small pebble mills, drying cabinets, vacuum bottle fillers, bottle labellers, etc. Give fullest details. Wade, 413 S. Jefferson, Orange, N. J.

Factories Offered

BRICK FACTORY.—One story 50x90, concrete floor, sprinklers, live steam available 24 hours per day, railroad siding. Unrestricted district in Brooklyn; low rent. The R. L. Kraft Company, Woolworth Building, COrtlandt 7-9377.

Investment Wanted

WELL-KNOWN CHEMIST with sales organization will finance a small established chemical or chemical specialty business. All details will be held in confidence. BOX 903, Oil, Paint and Drug Reporter.

Materials Wanted

OVERCOOKED OILS.—We will pay cash for your oils that have been bodied too much or burnt in processing. Large quantities desired of gel-like consistency. Color is a secondary consideration. BOX 895, Oil, Paint and Drug Reporter.

Mineral Lands

FOR SALE—Extensive bentonite properties, located in Weston county, Wyoming. Address A. H. MacDougall, Rawlins, Wyoming.

Plant Space

SUBLET PART of plant—Complete paint manufacturing plant including mixers, grinders, centrifugal machines. Also cooking and fusing burners and equipment. Ideally located and well laid out. Ample space and use of machinery to right party. X-Pando Corporation, Long Island City.

Positions Vacant

WANTED:—Thoroughly trained, practical chemist capable of taking over production of latest developments in cold molded asphalt molding material. BOX 894, Oil, Paint and Drug Reporter.

YOUNG MAN, preferably unmarried, if possible some experience in chemical business, for sales development with large chemical house. Write stating qualifications and experience to BOX 899, Oil, Paint and Drug Reporter.

PHARMACEUTICAL CHEMIST experienced in large scale manufacturing wanted by Montreal manufacturer. State all employment over past ten years, age, references, qualifications, salary expected. BOX 905, Oil, Paint and Drug Reporter.

VARNISH CHEMIST wanted to take charge of the formulation and manufacture of varnish products for newly organized concern and to assist in sales management. Give complete details and salary desired. BOX 906, Oil, Paint and Drug Reporter.

SALESMAN—dry colors, fillers and extenders—preferably familiar with and with following Jersey territory. BOX 907, Oil, Paint and Drug Reporter.

Positions Wanted

POSITION WANTED—Printing ink and dry color expert desires position with reliable firm in either field. Will locate anywhere. BOX 884, Oil, Paint and Drug Reporter.

SERVICES of experienced wholesale drug catalogue compiler available immediately. Man competent to write descriptions and arrange display pages of sundries, fountain supplies, paint, proprietaries, drug and other sections of complete illustrated drug catalogue. Excellent references. BOX 900, Oil Paint and Drug Reporter.

VARNISH MAKER and paint formulator. Fifteen years experience; familar with all types of synthetic resins. Willing to travel. Salary no object. BOX 901, Oil, Paint and Drug Reporter.

MAN with several years experience in fertilizer and feeding materials seeks connection with American concern. Expert knowledge of production and marketing of phosphate materials. Has intimate acquaintance with consumers. BOX 902, Oil, Paint and Drug Reporter.

Services Offered

CHEMISTS and chemical engineers—If you are now unemployed, send your complete chronological record of education and experience to Chemist Advisory Council, 300 Madison avenue, New York City.

Surplus Stock

BUYERS of any quantity surplus or by-product chemicals, greases, waxes, oils, solvents, colors, metal and all raw materials. We pay highest prices. Will also buy complete plant inventory. Write Barclay Chemical Company, Inc., 75 Varick street, New York City. WAlker 5-4250.

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Plant: 335 Doremus Avenue, Newark, N. J.

We Buy and Sell From a Single Item to a Complete Plant.

Recent Charters

PETROLEUM———tons, S S Malmanger, Aruba to United Kingdom, Continent, 10s; July

——— tons, S S Strombo, dirty, Constanza to Leghorn, 6s 9d; July

——— tons, Langanger, dirty, United States Gulf, West Coast Italy, 13s 3d; Adriatic, 14s 3d; both, 15s 3d; July

——— tons, S S Rondine, clean, Constanza, two ports West Italy, 10s 3d; July

SULPHUR———tons, Motorship Neptunian, Gulf to Australia, 20s; September

Imports Detained

Detentions recently effected at various ports by United States authorities on determinations by the Food and Drug Administration that products offered for import were adulterated or misbranded under the Federal food and drug act or did not comply with other customs regulations, included the following articles for the reasons stated:—

New York

Week Ended June 29

Caraway seed, 100 bags; filthy.

Codliver oil, 681 barrels; non-destearinated; not so labeled.

Cod oil, 420 barrels; restricted use.

Cod oil, 200 drums; contains foreign oils; false and misleading statements.

Coriander seed, 402 bags; filthy.

Nutmegs, distilling, 120 bags; restricted use.

Pollack liver oil, 51 drums; restricted use.

Quinine dichlorhydrate, 1 case; deficient in quinine dihydrochloride.

Atlanta

Week Ended June 29

Medicinal preparation, 1 package; false therapeutic claims.

Baltimore

Week Ended June 29

Medicinal preparations, 3 packages; false therapeutic claims.

Boston

Week Ended June 29

Medicinal preparations, 2 packages; false therapeutic claims.

Buffalo

Week Ended June 29

Medicinal preparations, 2 packages; false therapeutic claims.

Los Angeles

Week Ended June 23

Cassia, 100 bales; filthy and decomposed.

Medicinal preparations, 8 pieces; false therapeutic claims.

Philadelphia

Week Ended June 29

Medicinal preparations, 3 packages; false therapeutic claims.

San Francisco

Week Ended June 23

Medicinal preparations, 94 pieces; false therapeutic claims.

Seattle

Week Ended June 23

Sesame seed, 50 bags; filthy.

Electro Bleaching Gas Co. House Organ Has Many Features

The June issue of *The Pioneer*, published monthly by the Electro Bleaching Gas Company, and the Niagara Alkali Company, this city, contains a number of interesting articles, including a column on "How Business Prepares for the Future," in which is related numerous new technical developments relating to various industries.

Goodyear Tire & Rubber Company, Akron, Ohio, will erect a $1,500,000 manufacturing plant in Sweden to open next Spring.

Oils, Fats and Waxes

—Continued from page 39

Waxes

Bees.—A general undertone of steadiness prevailed in the market for this article last week. While demand for spot deliveries was not heavy, it was still present in substantial degree for quantities covering more than the average requirement that constituted business recently. Bleaching operations have been hampered by excessive rains in the East, but absence of the sun failed to have an effect on the general market position at this time. Stocks were slowly accumulating. May imports of crude wax, by countries of origin, were as follows:—

	Pounds.
Portugal	4,407
Mexico	6,531
Cuba	40,252
Dominican Republic	50,901
Haiti	3,279
Brazil	28,367
British East Africa	633
Egypt	11,216
Other Portuguese Africa	13,310
Total	158,896

Candelilla.—Eventually the spot market must advance unless Mexican quotations shall undergo a downward revision. At the moment, spot quotations are lower than replacement cost. Once surplus stocks move into consumption, a readjustment of local values is expected.

Carnauba.—Fair demand was reported on the spot. The more spirited request that featured recently was tempered some last week, but there was still a fair flow of new business to the market. Prices were firmly held in all quarters, reflecting the total absence of weakness and unsettlement in the primary market. Stocks held in this country were fairly large, yet very few weakly held parcels were noted in the first-hand market.

Japan.—Trade was dull, prices were low, and little support to prevailing quotations was noted so far as actual requirements of manufacturing consumers were concerned. Stocks were ample, considering present undertakings by buyers.

Monopoly Probe Asked On Cottonseed Oil

—Continued from page 3

sioner of Labor Statistics; Commissioner Jerome N. Frank and Commissioner William O. Douglas, alternating, from the Securities and Exchange Commission; Assistant Attorney-General Thurman Arnold; Commissioner Garland Ferguson, and Commissioner Ewin Davis, alternating, from the Federal Trade Commission, and Chief Counsel Herman Oliphant, alternating with Admiral C. J. Peoples, head of the Procurement Division, representing the Treasury Department.

Although few members of this committee have as yet expressed even their individual opinions as to the nature and course of the investigation, suggestions for study have already started to come in. For example, J. L. Coryell & Son, independent oil jobber, Lincoln, Neb., has filed a brief with the Department of Justice asking that the committee investigate alleged attempts of major oil companies to "squeeze out" independent distributors.

Investigation of the "cottonseed trust" has been asked by Representative John E. Rankin of Mississippi, who issued a statement asserting that big cottonseed oil companies are depriving farmers of adequate returns for cottonseed through manipulation of prices and control of ginners.

J. W. Dickinson, of the John F. Jelke Company, cottonseed oil broker, Chicago, has applied for associate membership in the New York Produce Exchange.

Arthur Hoffman, of Strohmyer & Arpe, wax importer, this city, is on the high seas bounds for a European vacation accompanied by his wife. Mrs. Hoffman has been slowly recovering from a severe illness and the present trip is mainly for the purpose of returning here to good health.

SUN BLEACHED

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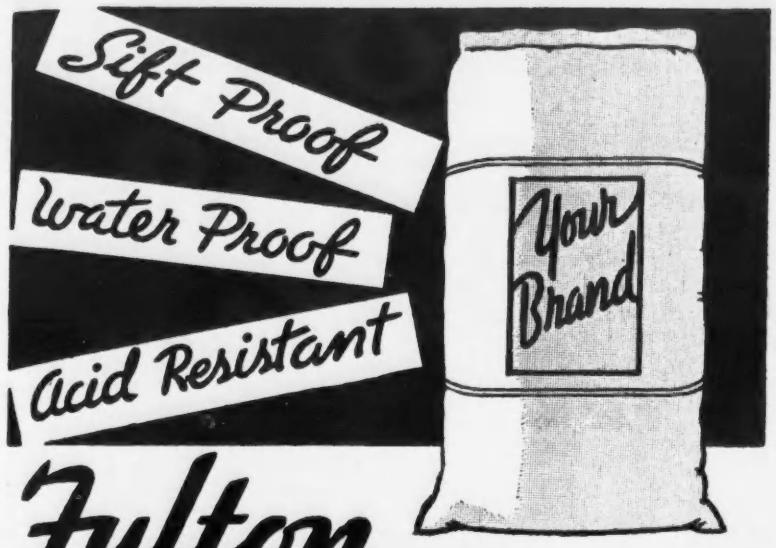

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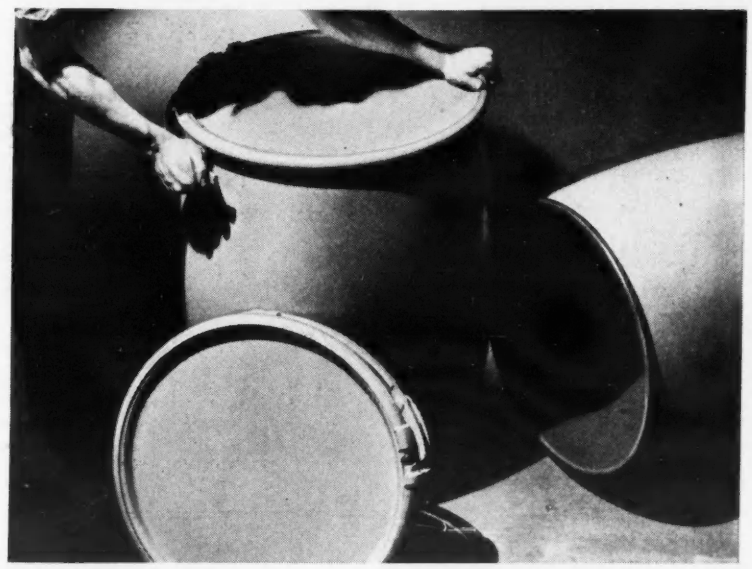

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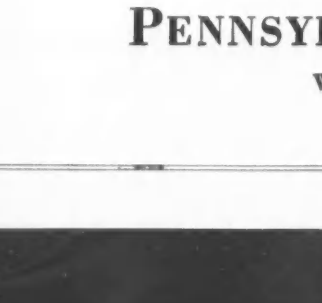

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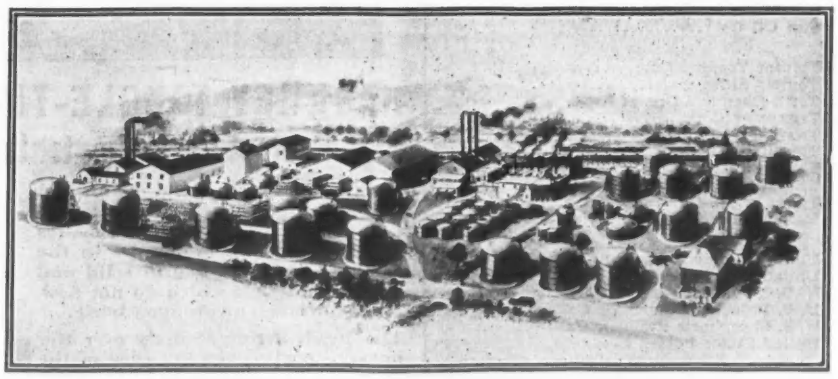

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